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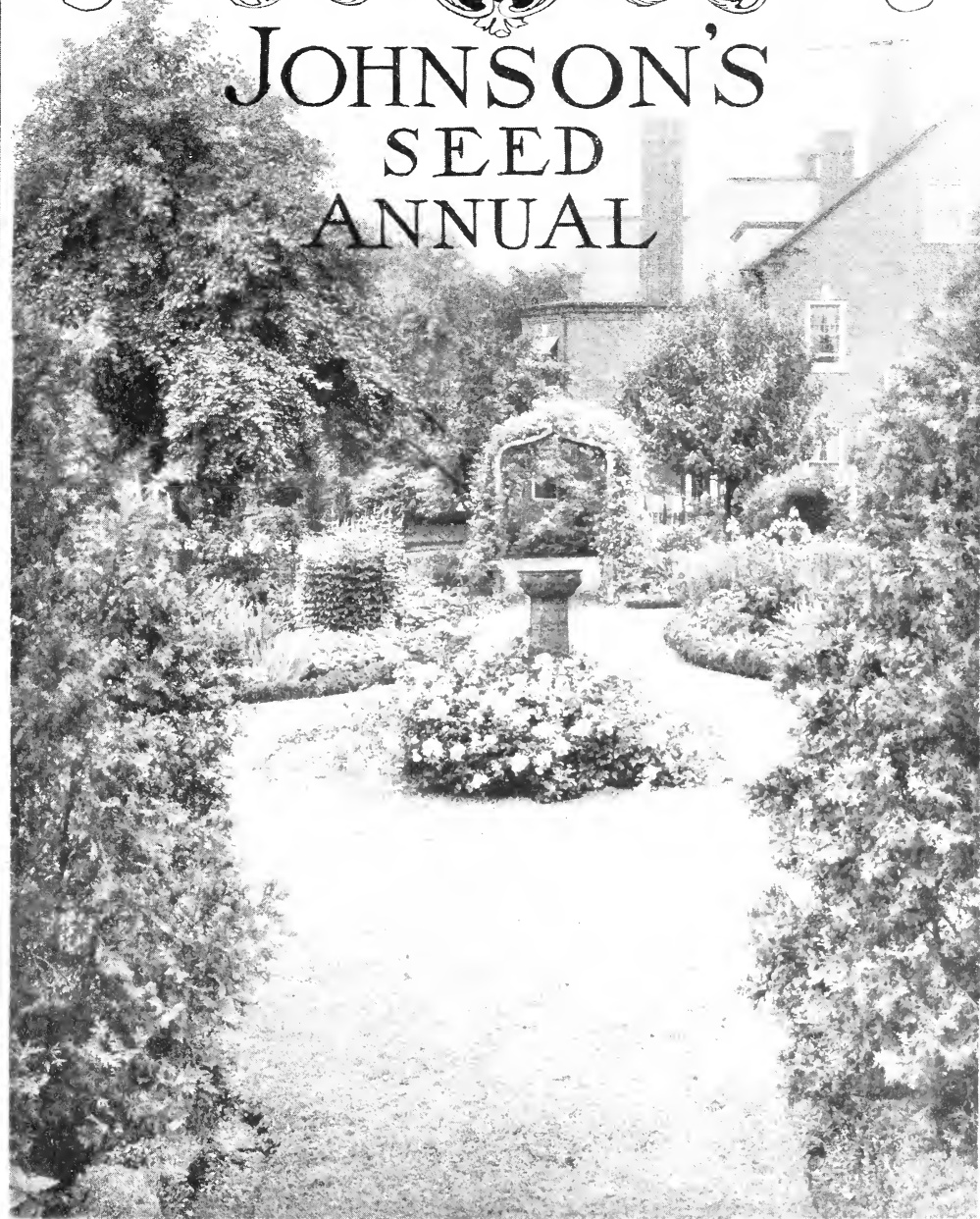


SEEDS THAT

1919

PRODUCE

# JOHNSON'S SEED ANNUAL



## JOHNSON'S SEED STORE

2133-35 E. NINTH STREET NEAR PROSPECT  
CLEVELAND, O.

# 1919 Greetings to Our Customers

**W**E again have pleasure in handing you our Seed Annual. You will find it larger, more complete and, if possible, more carefully prepared. Owing, we believe, to our unceasing efforts to supply the best of everything and also to our uniform courtesy to correspondents and to store customers, we enjoyed a splendid trade in 1918, for which we thank our friends most cordially.

**Over thirty years' experience** in growing and selling seeds has given us a thorough knowledge of all the requirements and details of the business, and those who entrust their orders to us may feel every confidence that they will have intelligent and careful attention.

**Our local trade** is a very important branch of our business and we give it careful attention. We are in a position to furnish practically everything needed in Flower, Vegetable or Farm Growing.

**Our Clerks are courteous** and know their business—being ready at all times to wait on you satisfactorily and to answer inquiries intelligently and cheerfully.

When making your first annual purchase, be sure to leave your mail address, so we can place our next Catalog in your hands promptly.

**Gardeners' and Head-Farmer's Situations.** We frequently have on file the names of practical gardeners and farm managers in want of situations. If parties desiring such will write us we shall be glad to put them in communication with men that we deem suitable. To aid us in making a selection we ask full particulars. We make no charge for this service.

**Our Mail Order** department receives careful attention and we are prepared with every facility for giving the best service.

The safest ways to remit are by Post Office or Express orders, Registered Letter, or Bank Draft. For small amounts Postage Stamps will be accepted.

**Parcels Post.** Seeds and Bulbs can be sent by Parcels Post, very cheaply and safely. Our catalog price includes prepayment of Postage by us on Packets, Ounces, quarter Pounds and Pints to any place in the United States.

**By Express.** Seeds, Bulbs and Plants are now entitled to Special Express Rates, which are considerably lower than rates on General Merchandise. We advise shipping by Express unless goods are too heavy.

**By Freight.** We deliver all shipments to Railroad Depots, and Boats free of charge—customers paying only actual freight charges.

**Information Cheerfully Given.** We make a specialty of giving, by letter, any information our customers require in Gardening Matters. Do not hesitate to call on us.

**We Cannot Guarantee the Well-Doing** of any seeds, plants or bulbs we send out, having no control over conditions—therefore:

Johnson's Seed Store gives no warranty, express or implied, as to description, purity, productiveness, or any other matter of any seeds, plants or bulbs they send out and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms they are at once to be returned.

**SPECIAL REQUEST.** Our business has grown to such an extent that we make the suggestion that, if possible, you will use the enclosed Order Sheet in making a list of your requirements, and either *mail to us* or *leave at our store* to be filled. This plan will insure the very best attention being given your order, and will save you time and patience when our store is crowded. We will have the necessary number of special clerks to put up your seeds, and they will make every effort to have your order filled and ready for you when you call. If you are not familiar with the best varieties, we shall be glad to make the selection for you if you will state which kinds of Vegetables or Flowers you desire.

Yours for best possible service,

**JOHNSON'S SEED STORE**

Cleveland, Ohio. Jan. 15, 1919.  
2133 East Ninth St. near Prospect.

## PLANTING TABLE FOR A HOME VEGETABLE GARDEN

Vegetables	Time to first maturity (days)	Distance between plants (inches)	Distance between rows (inches)	Number of seeds to sow per foot	Amount of seeds to buy for 100 ft. row	Depth to plant (inches)
Beans.....	60 - 80	2 - 5	24-36	10 -20	1-2 pts.	1-2
Beets.....	40 <sup>5</sup> - 90	2 - 4	12-30	20 -40	1 ounce	$\frac{1}{2}$ -1
Cabbage, early.....	60 <sup>5</sup> -110 <sup>5</sup>	12 -18	21-36	<sup>5</sup>	1 packet	$\frac{1}{4}$ - $\frac{1}{2}$ <sup>6</sup>
Cabbage, late.....	90 <sup>5</sup> -130 <sup>5</sup>	18 -24	30-36	<sup>5</sup>	1 packet	$\frac{1}{4}$ - $\frac{1}{2}$ <sup>6</sup>
Carrot.....	60 -100	2 - 4	12-30	30 -60	$\frac{1}{2}$ ounce	$\frac{1}{4}$ -1
Cauliflower.....	70 <sup>5</sup> -100 <sup>5</sup>	15 -24	21-36	<sup>5</sup>	1 packet	$\frac{1}{4}$ - $\frac{1}{2}$ <sup>6</sup>
Celery.....	70 <sup>5</sup> -100 <sup>5</sup>	4 - 6	24-48 <sup>1</sup>	<sup>5</sup>	1 packet	$\frac{1}{8}$ - $\frac{1}{4}$ <sup>6</sup>
Cucumber.....	65 - 80	12 <sup>3</sup> -36 <sup>4</sup>	42-60	4 <sup>3</sup> -10 <sup>4</sup>	$\frac{1}{2}$ ounce	$\frac{1}{2}$ -1
Egg Plant.....	90 <sup>5</sup> -140 <sup>5</sup>	24 -30	24-36	<sup>5</sup>	1 packet	.....
Lettuce, head.....	40 <sup>5</sup> - 90	6 -15	10-15	5 or 20	$\frac{1}{4}$ ounce	$\frac{1}{8}$ - $\frac{1}{4}$ <sup>6</sup>
Lettuce, leaf.....	30 <sup>5</sup> - 70	3 - 8	10-15	5 or 25	$\frac{1}{4}$ ounce	$\frac{1}{4}$ -1
Melon.....	90 -110	48 <sup>4</sup> -72 <sup>4</sup>	60-84	4 <sup>3</sup> -10 <sup>4</sup>	$\frac{1}{2}$ ounce	$\frac{1}{2}$ -1
Onion, green.....	25 - 40	1 - 2	8-15	8 -15	1-2 qts.	1
Onion, mature.....	100 <sup>5</sup> -140	2 - 4	15-30	20 -40	$\frac{1}{2}$ ounce	$\frac{1}{2}$ -1
Parsnip.....	120 -150	3 - 4	18-36	20 -40	1 ounce	$\frac{1}{2}$ -1
Peas.....	50 - 70	$\frac{1}{2}$ - 1	24-36	18 -30	1-2 pts.	1-2
Pepper.....	90 <sup>5</sup> -120 <sup>5</sup>	18 -30	24-36	<sup>5</sup>	1 packet	.....
Potato.....	80 -140	14 -18	30-36	1 piece	1 peck	3-4
Radish.....	25 - 40	1 - 2	6-15	30 -60	1 ounce	$\frac{1}{2}$ -1
Salsify.....	120 -150	2 - 3	18-36	20 -40	1 ounce	$\frac{1}{2}$ -1
Spinach.....	30 - 60	2 - 4	12-30	20 -40	1 ounce	$\frac{1}{2}$ -1
Squash, early.....	65 - 80	30 -48	42-60	4 <sup>3</sup> -10 <sup>4</sup>	$\frac{1}{2}$ ounce	$\frac{1}{2}$ -1
Squash, late.....	70 -100	18 <sup>3</sup> -72 <sup>4</sup>	60-84	4 <sup>3</sup> -10 <sup>4</sup>	$\frac{1}{2}$ -1 ounce	$\frac{1}{2}$ -1
Sweet Corn.....	70 -100	18 <sup>4</sup> -36 <sup>4</sup>	30-42	4 - 8 <sup>4</sup>	$\frac{1}{4}$ - $\frac{1}{2}$ pint	1-2
Tomato.....	60 <sup>5</sup> - 90 <sup>5</sup>	18 <sup>2</sup> -48	30-48	<sup>5</sup>	1 packet	.....
Turnip.....	50 - 90	2 - 4	12-30	30 -60	$\frac{1}{2}$ ounce	$\frac{1}{2}$ -1

<sup>1</sup>For earth blanching. <sup>2</sup>For single stem training. <sup>3</sup>For single plants. <sup>4</sup>Hills of 3 or 4 plants. <sup>5</sup>For transplants. <sup>6</sup>In seedbed. This table is published with acknowledgments to Cornell Extension Bulletin No. 14.

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# JOHNSON'S "SEEDS THAT PRODUCE"

Of Strong  
Vitality and  
Choice  
Selected  
Strains

**I**N this Catalog we quote all of the standard and most profitable varieties of Vegetable and Flower seeds for Home and Market Gardening, as well as most of the "worth while" newer sorts.

**Prices Include Postage** on packets, ounces and quarter pounds.

**It is Our Aim** to handle only reliable stocks such as are true to name and have been tested for germination. We cater to Gardeners who are willing to pay a fair price for stocks of unequalled quality.

**Order Early**—It is to your interest as well as ours.

Our Prices are  
as Low as  
Possible, Consistent with  
High Quality

## ASPARAGUS

One of the finest and most delicious vegetables in Spring. No garden is complete without an Asparagus bed. Can be grown in any good garden soil and prefers sunny, moist location.

**Argenteuil.** Very popular in France, and extensively grown for the Paris market. The stalks grow to a mammoth size, sometimes weighing as much as 4 ounces each. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 30c.

**Colossal.** The well-known standard sort. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 20c.

**Columbian Mammoth White.** Large pure white. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 20c.

**Palmetto.** Earlier and larger than Colossal. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 20c.

### Asparagus Roots

We offer strong two-year-old roots of the following varieties: **Columbian Mammoth White, Argenteuil, Palmetto and Conover's Colossal.**

Any of the above Asparagus, 20c. doz., \$1.00 per 100, \$4.00 per 500, \$6.50 per 1000.

**Cultural Notes** on Asparagus free on application.

## ARTICHOKE

**Jerusalem (tubers).** Qt. 25c., pk. \$1.00, bu. \$3.50.

**Large Globe (Seed).** The flower heads are cooked like Asparagus. Pkt. 10c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.50.

## BEANS

### Wax or Yellow-Podded Bush Varieties

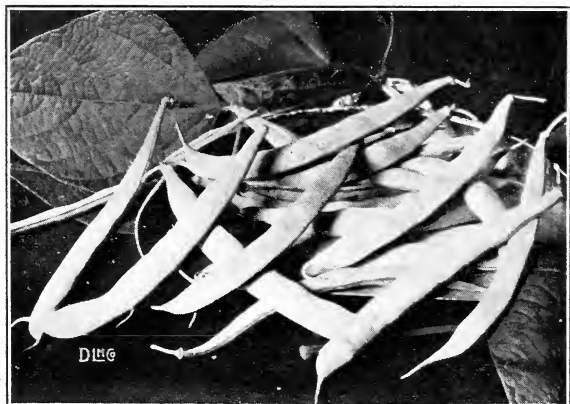
Bush Beans may be had throughout the season, by planting at intervals of two weeks, from the beginning of May until the middle of August; they should be planted in drills two feet apart and one inch deep.

#### Improved Golden Wax

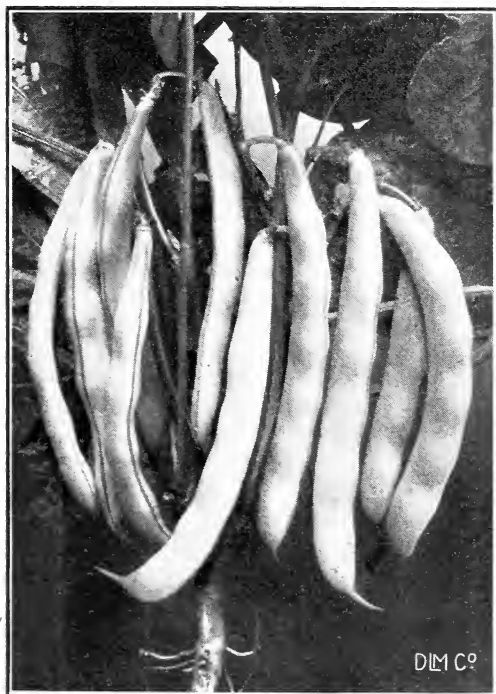
Counted by many to be superior to all others. This bean, introduced in 1876 still continues the standard variety for home use. The pods are long, nearly straight, broad, half-round, golden yellow, very fleshy and wax-like. They cook quickly as snap beans, and are of the highest quality. Pkg. 10c.,  $\frac{1}{2}$  pt. 25c., pt. 40c., qt. 75c.

#### Hodson Wax

A new and distinct Wax Bean of unusually healthy growth, which enables it to resist disease. The variety is remarkably prolific, with straight, oval pods, which are longer than almost any other garden sort. In season it follows Golden Wax and other standard sorts, thus giving a succession. On this account and because of its remarkable productiveness and beauty it is becoming very popular. Pkg. 10c.,  $\frac{1}{2}$  pt. 25c., pt. 40c., qt. 75c.



Currie's Rust-proof Bean



Wardwell's Kidney Wax Bean ]

### Wardwell's Kidney Wax

A very popular variety of Wax Bean, bearing long, flat pods of a delicate waxy yellow, stringless and brittle, producing a heavy crop. The pods mature a little later than Golden Wax, but are produced in great abundance. Pkg. 10c.,  $\frac{1}{2}$  pt. 25c., pt. 40c., qt. 75c.

### Davis Kidney Wax

The handsomest of all the early Wax Beans. The pods are long (seven inches), straight, very uniform and clear waxy white. The vines are vigorous, very prolific and fairly rust resistant. We are constantly improving the variety in this respect, using only the seed from unaffected vines. The dry beans are kidney-shaped, clear white and excellent to use as a Navy Bean for baking. For snap beans in the home garden they should be used while young, before they become stringy. Pkg. 10c.,  $\frac{1}{2}$  pt. 25c., pt. 40c., qt. 75c.

### Improved Prolific Black Wax (Cylinder Pod)

Dwarf bush growth and very prolific, one of the earliest. Pods four to five inches in length, usually curved, quite round; meaty, brittle, and stringless; deep golden yellow of excellent flavor. Pkg. 10c.,  $\frac{1}{2}$  pt. 25c., pt. 40c., qt. 75c.

### Currie's Rust-proof Wax

An improvement on the old-fashioned Golden Wax, and ready about mid-season. Pods grow long, flat, very tender and of finest quality. Pkg. 10c.,  $\frac{1}{2}$  pt. 25c., pt. 40c., qt. 75c.

### Burpee's Kidney Wax

Robust in growth and very prolific, with long pods, entirely stringless, fleshy, and of fine quality. Pkg. 10c.,  $\frac{1}{2}$  pt. 25c., pt. 40c., qt. 75c.

## BEANS—Green-Podded Bush Varieties

**Earliest Red Valentine.** This variety is usually ready to pick in 35 days from time of planting. Pkg. 10c.,  $\frac{1}{2}$  pt. 20c., pt. 35c., qt. 65c.

**Black Valentine.** The pods are round, very fleshy and entirely stringless. Pkg. 10c.,  $\frac{1}{2}$  pt. 20c., pt. 35c., qt. 65c.

**Bountiful.** This one is the best of the flat-podded stringless varieties. The light green pods are  $6\frac{1}{2}$  to 7 inches long, stout, flat, slightly curved, absolutely stringless, attractive and of very fine quality. At the same time it is very early, vigorous, hardy and a heavy yielder. Pkg. 10c.,  $\frac{1}{2}$  pt. 20c., pt. 35c., qt. 65c.

**Giant Stringless Green Pod.** This Bean is absolutely stringless. Fine large round fleshy tender pod. As early as Six Weeks, with the advantage of being a better cropper. The plants are of strong growth, very productive, pods 5 inches long, light green, slightly curved, very meaty, being broadly rounded, saddle backed, and absolutely stringless. Pkg., 10c.,  $\frac{1}{2}$  pt. 20c., pt. 35c., qt. 65c.

**Refugee, or Thousand to One.** Very tender and productive. Splendid for late planting. Pkg. 10c.,  $\frac{1}{2}$  pt. 20c., pt. 35c., qt. 65c.

**Burpee's Stringless Green Pod.** This Bean is very early, productive, hardy and vigorous; the pods average about 5 inches long, straight, stout, round, crease-backed, and of a dark green color. They are tender, brittle, of the finest flavor and quality, and strictly stringless. Pkg. 10c.,  $\frac{1}{2}$  pt. 20c., pt. 35c., qt. 65c.

**Red Kidney.** This variety is extensively used by many people for baking. We have a prolific type that is very desirable. Pkg. 10c.,  $\frac{1}{2}$  pt. 20c., pt. 30c., qt. 50c., peck \$3.00.

**White Kidney.** Excellent shell Bean. Pkg. 10c.,  $\frac{1}{2}$  pt. 20c., pt. 35c., qt. 65c.

**Imp. Boston Pea or Navy.** Choicest Northern grown seed. Pkg. 10c.,  $\frac{1}{2}$  pt. 15c., pt. 25c., qt. 40c., peck \$2.50.

**White Marrow.** Fine early shell bean. Pkg. 10c.,  $\frac{1}{2}$  pt. 20c., pt. 35c., qt. 65c.



Fordhook Bush Lima Bean

## Bush Lima Beans

Bush Limas may be planted in rows 3 feet apart and 6 inches distant in the row, when soil is nice and warm.

**Fordhook Bush Lima.** Both pods and Beans much larger than those of any other Potato Lima. Habit of plant a strong, erect, bush-like growth. Pods borne in clusters of from four to eight, averaging four Beans to the pod. Exceedingly productive and of best quality. The best bush type of the popular Potato Lima. The pods, which are borne in great profusion contain three to five Beans of excellent flavor. Pkg. 10c.,  $\frac{1}{2}$  pt. 30c., pt. 50c., qt. 90c.

**Henderson's Bush Lima.** Very early and very productive. Pkg. 10c.,  $\frac{1}{2}$  pt. 30c., pt. 50c., qt. 90c.

**Burpee-Improved Bush Lima.** This is superior to any of the older forms of Bush Lima. Plant very vigorous and upright, attaining a height of 30 inches and 24 inches across. Pods often borne in clusters of five to eight and of enormous size. Beans are larger than those of any other variety; immensely productive and of the very best quality. Matures earlier than others. Pkg. 10c.,  $\frac{1}{2}$  pt. 25c., pt. 45c., qt. 90c.

## Pole or Running Beans

**Culture.**—A warm, sandy loam, enriched with well rotted stable or poultry manure is best. Must not be sown until the ground is warm and dry. When poles are used for support they should be set not less than 4 feet apart each way. Plant 4 to 6 beans to a pole, eyes down, 2 inches deep. When well started thin out to 2 plants to a hill. Cultivate frequently but shallow. Use 1 quart to 100 hills, 20 quarts to the acre.

**Carpinteria Pole Lima.** Beans are green colored and very tender. Pkg. 10c.,  $\frac{1}{2}$  pt. 25c., pt. 45c., qt. 80c.

**Siebert's Early Lima.** The earliest of the Pole Limas. Pkg. 10c.,  $\frac{1}{2}$  pt. 25c., pt. 45c., qt. 80c.

**Early Leviathan Lima.** Extra early and very popular. Pkg. 10c.,  $\frac{1}{2}$  pt. 25c., pt. 45c., qt. 80c.

**Lazy Wife's.** Immense cropper. Elegant for use dry or green. Pkg. 10c.,  $\frac{1}{2}$  pt. 35c., pt. 60c., 1qt. \$1.00

**Kentucky Wonder, or Old Homestead.** The best green podded pole sort for snap. Pkg. 10c.,  $\frac{1}{2}$  pt. 30c., pt. 50c., qt. 90c.

**King of the Garden Lima.** A popular sort for main crop. Pkg. 10c.,  $\frac{1}{2}$  pt. 25c., pt. 45c., qt. 80c.

**Large White Lima.** The old standby. Pkg. 10c.,  $\frac{1}{2}$  pt. 25c., pt. 45c., qt. 80c.

**Kentucky Wonder Wax.** A yellow-podded "Kentucky Wonder," which bears a large quantity of rich golden-yellow pods. The plant is exceedingly productive. Pods are thick, meaty, stringless, tender and of fine flavor. Pkg. 10c.,  $\frac{1}{2}$  pt. 35c., pt. 60c., qt. \$1.00.

## Brussels Sprouts

**Culture.**—Same as late Cabbage.

**Improved Dwarf.** A dwarf variety, producing numerous heads. Pkg. 10c., oz. 25c.,  $\frac{1}{4}$  oz. 75c.

## Mangel Wurzel

Sow in May or June in drills 2 feet part. When well started thin to 9 inches apart in the row. Cultivate shallow and often.

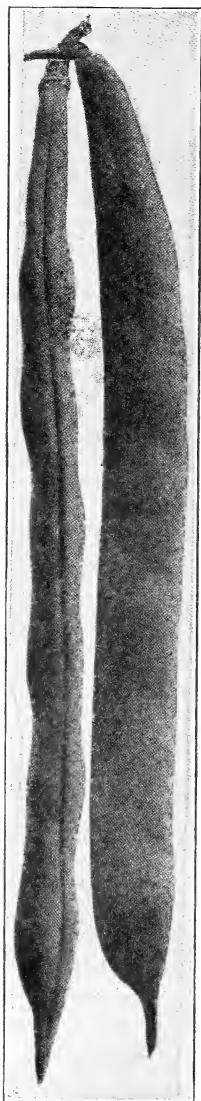
**Golden Tankard.** The root is quite large and of an almost cylindrical shape, narrowing abruptly at both ends. The skin is deep orange-red and the flesh is zoned with yellow and white; Very nutritious. Oz. 10c.,  $\frac{1}{4}$  lb. 30c., lb. \$1.00, in 10-lb. lots, 90c. per lb.

**Mammoth Long Red.** This is the largest of all the Mangels. The root is 15 to 18 inches long, over 6 inches thick, and with a heavy shoulder. It grows one-half above the ground and is easily pulled. This yields enormous crops and is in heavy demand by all market-gardeners. Oz. 10c.,  $\frac{1}{4}$  lb. 30c., lb. \$1.00, in 10-lb. lots, 90c. per lb.

## Sugar Beets

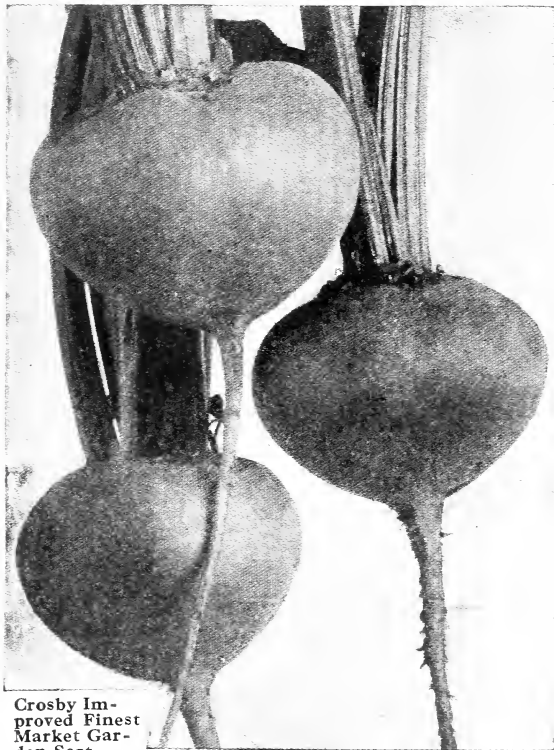
**Giant Half-Sugar Rose.** The root of this variety is very large, smooth, and clean, of oval shape, growing one-half out of ground and is easily pulled. The skin is rose-white with a deeper rose colored top. The flesh is white and sweet and of high nutritive value. A heavy cropper. Oz. 10c.,  $\frac{1}{4}$  lb. 30c., lb. \$1.00, in 10-lb. lots, 90c. per lb.

**Vilmorin's Improved.** The finest variety grown. Highest in nutritive value and in percentage of sugar. Very regular in shape; yields large crops and is recommendable for most soils. Oz. 10c.,  $\frac{1}{4}$  lb. 35c., lb. \$1.25, in 10-lb. lots, \$1.15 per lb.



Bountiful Bush Bean





Crosby Improved Finest Market Garden Sort

## GARDEN BEETS

For early supply sow as soon as the ground is in working order, in drills sixteen inches apart and one inch deep. When the plants are well forward, thin out to about four inches apart. For succession sow until July 1st.

**Crosby's Improved Egyptian.** A very superior Extra Early strain of Garden Beet which has been carefully selected for years. This beet excels in handsome form, good size, small tops, very small tap root, fine quality, and above all quick, rapid growth. We highly recommend it. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 50c.

**Johnson's New Wonder.** This Beet is the result of many years of expert selection with a special strain of Crosby's as a basis. In this new beet we have perfect form, small tops and tap root, beautiful color, and extra early maturity. For forcing and bunching it is unequaled by anything on the market while the rich color, tenderness and flavor of the flesh make it extremely desirable on the table. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 50c.

**Detroit Dark Red.** One of the most popular kinds for second planting. Also excellent for late crop and for canning. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 50c.

**Eclipse.** Flesh deep blood-red, firm and sweet. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 40c.

**Improved Early Blood Turnip.** Good form, dark red, well flavored; a favorite for Summer and Winter use. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 40c.

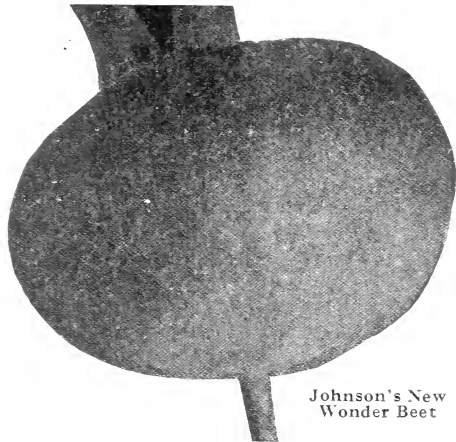
**Long Smooth Blood.** Withstands drouth, very dark red. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 40c.

**New Crimson Globe.** Color is deep blood red; fine grained, and of unsurpassed quality. The foliage is small—leaves all grow from a very small crown in the top of the bulb. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 50c.

## Swiss Chard

Used for greens. Also leaf ribs may be cooked and served like Asparagus. Prices: Standard kind, pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 45c.

**Swiss Chard New Giant Lucullus.** A delicious variety having green leaves which are remarkably crimped and curled, like savory-leaved cabbage. Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c.



Johnson's New Wonder Beet

## CARROTS

Carrots, to grow to perfection, require a rich, deep sandy loam, well pulverized and deeply cultivated. For an early crop sow in May and June in drills about 1 foot apart, thinning out to 3 inches in the row; sow for main crops in June and July.

**Select Chantenay.** (See illustration.) An excellent table variety, of a rich, dark orange color. In earliness it ranks intermediate between the Danvers and the Short Horn. It is of the style of the Danvers, but finer, and more symmetrical, and therefore better as a market carrot for the table. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 50c.

**Extra Select Danvers.** This is a broad-shouldered Carrot of cylindrical form about 8 inches in length by  $2\frac{1}{2}$  inches in diameter at the shoulder. Color, orange-red; skin smooth; cooking qualities superb; in fact, no Carrot excels it in the essential qualities of uniform size, smoothness, sweetness, flavor and deep color. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 50c.

**Selected Oxheart.** Used largely for stock. Thick stump rooted. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 40c.

**Early Scarlet Horn.** Specially fine for bunching early in season. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 50c.

**Improved Long Orange.** Very popular for main crop; heavy yielder. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 40c.

**Rubicon.** Similar to Danvers, a little thicker. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 70c.

**Large White Belgian and Large Yellow Belgian.** Either sort. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 35c.

## Cardoon

Cardoon is grown for the edible midrib of the leaf, which requires blanching in the same manner as celery. Sow sparingly, early in spring, in drills 1 inch deep and 4 or 5 feet apart; later, thin out the young plants to about 2 feet apart in the row.

**Large Smooth Spanish.** Grows about 4 ft. high. Pkt. 5c., oz. 25c., lb. \$3.00.



Extra Select Chantenay Carrot



# CABBAGE

For very early use sow in January or February in hotbeds; prick out the plants into other hotbeds, or sow in hotbeds in March. Transplant to the open ground when danger from killing frost has passed, in rows 2 feet apart and 18 inches from plant to plant. For succession, sow in the open ground the last of March or early in April. The autumn and winter varieties may be sown early in May in shallow drills 3 or 4 inches apart; transplant early in July, making the rows about 2½ feet apart, and setting the plants 2 feet apart in the rows.

## Copenhagen Market

This most valuable early Cabbage from Denmark, produces a large globe-shape head, which comes into market along with Early Jersey Wakefield. It is well known that Denmark is a great Cabbage and Cauliflower country, and our seed comes direct from the originator. Produces fine, large heads uniform in shape and size and very solid, with few loose leaves. It is a vigorous grower and an excellent keeper. Pkt. 10c., ½ oz. 75c., oz. \$1.35, ¼ lb. \$4.75.

## Johnson's Premium Flat Dutch

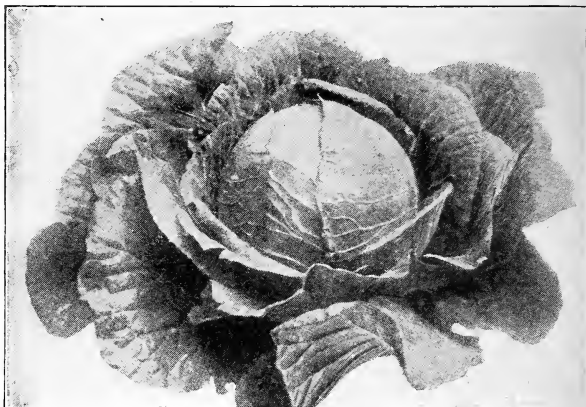
Continued care and critical selection on the part of our grower have given us a very thoroughbred strain of this standard Cabbage. The heads are of the bluish green color, flat on top, and are solid and large. Has no useless outer leaves and grows low with short stem. It cuts white and crisp, the flavor is excellent, with no stringiness. This strain is slightly earlier and quicker growing than most of the Premium Flat Dutch that is offered, and is quite free from a tendency to burst. We do not hesitate to recommend our stock to even the largest growers, as it has been so long bred to a standard that it can truly be called a pedigree strain. Our seed has come from the same grower for over 20 years. Pkt. 10c., ½ oz. 40c., oz. 75c., ¼ lb. \$2.75.

**New Chinese Cabbage, Wong Bok.** This wonderfully improved Chinese Cabbage has such a delicate flavor that it has been variously named, "Odorless Cabbage," "Celery Cabbage," etc. We earnestly advise all who want something new and better, to try it. Grown same as Cabbage. Makes an extra fine salad. Pkt. 10c., ½ oz. 35c., oz. 60c., ¼ lb. \$2.00.

**Charleston Wakefield.** Not quite as early as the regular Jersey Wakefield, but the heads are considerably larger in size, very solid. Pkt. 10c., ½ oz. 50c., oz. 90c., ¼ lb. \$3.25.



Johnson's Premium Flat Dutch Cabbage



Copenhagen Market Cabbage

**Select Early Jersey Wakefield.** The standard early variety, conical in shape; medium-sized heads; very solid. Pkt. 10c., ½ oz. 50c., oz. 90c., ¼ lb. \$3.25.

**All Head Early.** Quite early; very solid and a compact grower. Pkt. 10c., ½ oz. 50c., oz. 90c., ¼ lb. \$3.25.

**Glory of Enkhuizen.** A standard early variety of the round header type; grown to a good size. Pkt. 10c., ½ oz. 65c., oz. \$1.25, ¼ lb. \$4.50.

**Henderson's Early Summer.** About ten days later than Jersey Wakefield; large, solid, flat heads of superior quality. Pkt. 10c., ½ oz. 50c., oz. 90c., ¼ lb. \$3.25.

**Succession.** About one week later than Early Summer, but is double the size; very uniform and a sure header. One of the finest mid-season Cabbages grown. Pkt. 10c., ½ oz. 50c., oz. 90c., ¼ lb. \$3.25.

**All Seasons (Selected).** Whether for medium early, main crop or late use, this is unsurpassed by any other sort. Pkt. 10c., ½ oz. 50c., oz. 90c., ¼ lb. \$3.25.

**Large Late American Drumhead.** One of the largest, most solid, and best keeping late varieties. Pkt. 10c., ½ oz. 40c., oz. 75c., ¼ lb. \$2.75.

**Perfection Drumhead Savoy.** For Winter use, this variety is unsurpassed; heads large and solid, very tender and of excellent flavor. Pkt. 10c., ½ oz. 45c., oz. 80c., ¼ lb. \$3.00.

**Mammoth Red Rock.** The largest and most reliable heading red cabbage yet introduced; round, solid heads of deep red color. Pkt. 10c., ½ oz. 50c., oz. 90c., ¼ lb. \$3.25.

**Danish Ball Head, Short Stem.** Our stock is direct from best grower in Denmark. Pkt. 10c., ½ oz. 65c., oz. \$1.25, ¼ lb. \$4.50.

**Volga or Early Stonehead.** A splendid sort for either early or fall planting. Very solid. Pkt. 10c., ½ oz. 50c., oz. 90c., ¼ lb. \$3.25.

# CAULIFLOWER

Cauliflower succeeds well in any soil where Cabbages will grow. It delights in a rich soil and abundance of water. By sowing the early varieties in a hotbed in February or March, fine heads can be obtained in May or June. For a later supply sow seed in a prepared bed in May, choosing a cool, moist place. When large enough, transplant, making the rows about 2½ feet apart and 18 inches between the plants. Transplanting should be done in moist weather.

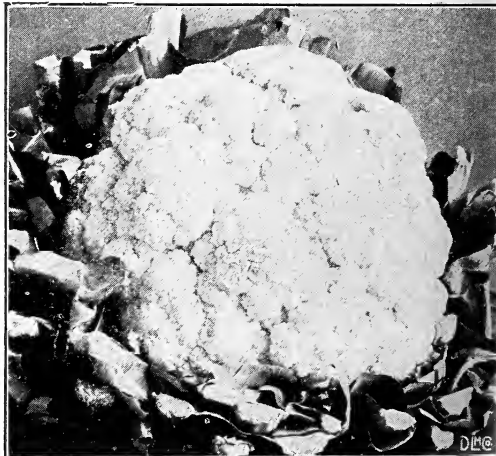
We challenge comparison of our Cauliflower seed with stock offered by any one. It comes from the most reliable growers in Denmark and no expense is spared to get the best.

**Gift Edge Snowball.** Very early and compact. Most reliable for heading. Genuine Denmark grown. Pkt. 15c. and 25c., ¼ oz. \$1.25, ½ oz. \$2.25, oz. \$4.00.

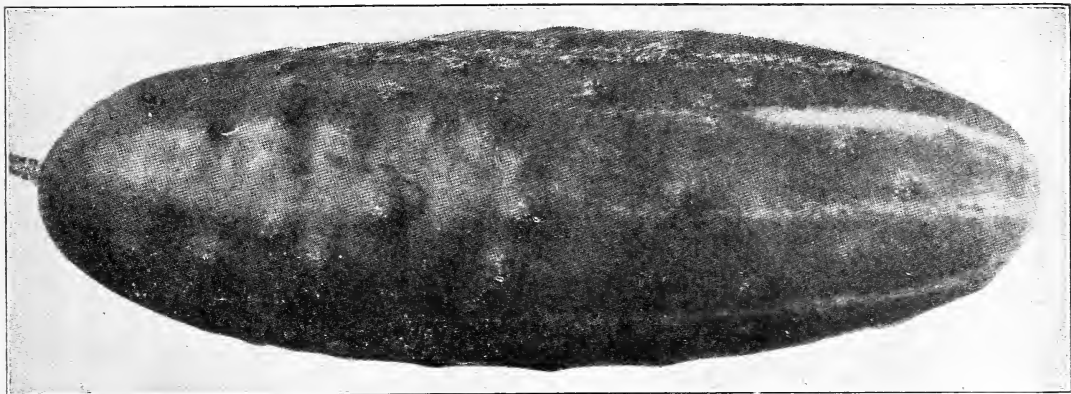
**Early Dwarf Erfurt.** This is a very reliable and popular variety when our select seed is used. We spare no pains to handle only the best seed grown. Heads very white, compact and close. Pkt. 15c. and 25c., ¼ oz. \$1.10, ½ oz. \$2.00, oz. \$3.75.

**Danish Giant or Dry Weather.** Quite early and will succeed when other sorts fail. Pkt. 25c., ¼ oz. \$1.25, ½ oz. \$2.25, oz. \$4.00.

**Early Favorite.** This is a second early, exceedingly hardy, easily grown sort. It is perhaps the best sort for the inexperienced grower, as it will head under conditions in which many sorts would fail. The large heads are crisp, tender and of fine quality. It keeps in condition for use a long time. Pkt. 10c., oz. \$1.50, 2 oz. \$2.50, ¼ lb. \$4.50.







Johnson's Perfect White Spine Cucumber

## CUCUMBER

**Culture.**—Flourish best in a rich, warm, sandy loam. Sow when danger of frost is over, in hills 4 to 5 feet each way. As the young plant has many enemies sow thickly half an inch deep, and thin out finally to three or four plants to the hill. Use one ounce of seed to 75 hills; two or three pounds to the acre. Gather cucumbers by cutting, not by tearing. Leave none to ripen if you want a full crop. Use Bug Death or Slug Shot to keep down bugs.

**Johnson's Perfect White Spine.** (See illustration above.) This is the finest type of White Spine in cultivation. Perfect shape and dark green color. The result of many years' selection. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 50c.

**Extra Long or Evergreen White Spine.** Vines are of vigorous growth with large, heavy foliage, thus resisting attacks of insects, etc. Our strain is the result of years of careful selection for uniformity and prolificness. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 40c.

**Arlington White Spine.** Very popular strain of White Spine. Our seed is very select. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 40c.

**Boston Pickling or Green Prolific.** The favorite for pickles. Rather short dark green. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 35c.

**Jersey Pickling.** Extremely productive and very popular. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 35c.

**Johnson's Selected Davis' Perfect.** A long type of cucumber, of rich, dark green color and handsome shape. Our stock is very select. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 65c.

**Improved Long Green.** A late variety especially adapted for pickles. Deep green color and pleasant flavor. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 40c.

**Klondike.** A most excellent table sort for slicing. Few seeds very tender and of fine flavor. It is also unexcelled for pickling. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 40c.

**Chicago Pickling.** Handsome shape, medium size. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 35c.

**Japan Climbing.** Fine for home use. Long, slim shape. Pkt. 5c., oz. 20c.

**West India Gherkin.** For pickling. Fruit is prickly. Pkt. 5c.,  $\frac{1}{2}$  oz. 15c., oz. 25c.

**Rollison's Telegraph.** For greenhouse forcing. Pkt. 25c.

**Carter's Model.** For greenhouse forcing. Pkt. 25c.



## CELERY

Sow very early in Spring in moist, rich ground, when the plants are from 4 to 6 inches high transplant into trenches 4 inches deep, 9 inches wide, and 3 feet from trench to trench; set the plants 6 inches apart in rows.

**Golden Self-Blanching.** Strictly French Grown seed. We are very proud of the showing made by our stock of Golden Self-Blanching in the Cleveland markets last season. Its rich yellow color is very attractive. It is of dwarf, compact habit and blanches readily. Pkt. 10c.,  $\frac{1}{2}$  oz. 65c., oz. \$1.25,  $\frac{1}{4}$  lb. \$1.50.

**Columbia.** Stalks are thick, almost round, and resemble Giant Pascal in shape, but are of a rich, yellow color, similar to the well-known Golden Self-blanching. It matures early and its exceedingly fine flavor and crispness will please the most critical. Pkt. 10c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.50.

**Emperor.** Noted for solidity and pronounced nutty flavor. Pkt. 10c.,  $\frac{1}{2}$  oz. 65c., oz. \$1.25.

**New Easy Blanching.** This fine new Celery is about two weeks later than Golden Self Blanching, but blanches much easier and much superior in quality. Pkt. 10c.,  $\frac{1}{2}$  oz. 65c., oz. \$1.25.

**Winter King.** Noted for its long-keeping qualities. The plant makes a healthy growth, producing stout stalks, which blanch up beautifully, and the quality and flavor are excellent. Pkt. 10c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.25.

**Giant Pascal.** Strictly French Grown seed. No other sort equals Giant Pascal for Winter use at home and for nearby markets. It is too crisp for shipping. The stalks are remarkably large, thick, solid and entirely stringless. Very crisp and brittle, snapping like glass. Pkt. 5c.,  $\frac{1}{2}$  oz. 30c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.75.

**Henderson's White Plume.** A most popular variety, requiring very little banking up; fine flavor, and very tender. Pkt. 5c., oz. 30c.,  $\frac{1}{4}$  lb. 75c.

**Turnip Rooted Celery.** This is used for flavoring and is in wide demand. Culture is the same as Celery. As the roots are the edible portion, it requires no hilling. Pkt. 5c., oz. 25c.,  $\frac{1}{4}$  lb. 60c.

## CHERVIL

**Curled.** Leaves used for flavoring soups. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c.

## COLLARDS

**Georgia.** Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 60c.

## CHICORY

**Whitdoof.** Known in restaurants as French Endive. Sown in May and June in drills. Transplant or thin to 6 inches; treat as Endive, except that late in summer or fall it should be gradually banked up like celery. The stalks, when blanched, make a delicious salad. It may also be allowed to grow in the garden until the tops die down, leaving a root somewhat like a parsnip. These are taken into a shed and kept in a heap of soil away from frost and light, to be transferred to a hothouse when needed to produce their blanched heads during winter. Pkt. 10c., oz. 35c.,  $\frac{1}{4}$  lb. 90c.

## SWEET CORN

The Sweet or Sugar varieties, being liable to rot in cold or wet ground, should not be planted before May, or until the ground has become warm; for a succession continue every two weeks, until the middle of July, in hills 3 feet apart each way, covering about half an inch, and thin out to 3 plants to a hill.

**Earliest Mayflower.** This is a ten to twelve rowed corn, larger than Mammoth White Cory and from three to five days earlier. Three season's trials of this splendid sort have convinced us that it is the coming extra early Corn. Pkg. 10c.,  $\frac{1}{2}$  pt. 20c., pt. 35c., qt. 60c.

**Golden Bantam.** Produces ears measuring about five inches, but the smallness of ears is fully made up by the deliciously sweet flavor and tender quality of the Corn when cooked. By all odds the finest extra early variety when quality is considered. Pkg. 10c.,  $\frac{1}{2}$  pt. 20c., pt. 30c., qt. 50c.

**Kendel's Early Giant.** Large, handsome ears of fine quality, very early. Pkg. 10c.,  $\frac{1}{2}$  pt. 20c., pt. 30c., qt. 50c.

**Howling Mob.** A large eared early sweet corn, ready for use about five days later than Mammoth White Cory, generally producing two good ears to a stalk, averaging 7 to 9 inches long, with 12 to 14 rows of pearly-white grains. The stalks grow 4 to 5 feet high. An excellent home or market sort. Pkg. 10c.,  $\frac{1}{2}$  pt. 20c., pt. 30c., qt. 50c.

**Mammoth White Cory.** Considered one of the best early Sweet Corns. It produces stalks about four feet high, each generally bearing two large, finely shaped ears which become fit for use in about 72 days. They are 12 rowed, six to seven inches long, very symmetrical and handsome, seldom with any opening between the rows at the base. Grain large, broad, very white and of remarkably good quality for such an early sort. Its size and beauty give it ready sale even when the market is overstocked. Pkg. 10c.,  $\frac{1}{2}$  pt. 20c., pt. 30c., qt. 50c.

**Black Mexican.** When in table condition the grains are pure white and quality delicious. Pkg. 10c.,  $\frac{1}{2}$  pt. 20c., pt. 30c., qt. 50c.

**Early Evergreen.** Ripens about ten days earlier than Stowell's Evergreen, ears large and uniform. Pkg. 10c.,  $\frac{1}{2}$  pt. 20c., pt. 30c., qt. 50c.

**Stowell's Evergreen.** The most popular variety grown, ears large and very sweet. Pkg. 10c.,  $\frac{1}{2}$  pt. 20c., pt. 30c., qt. 50c.

**Country Gentleman.** The finest of all sweet corns for the table, and when once used no other sort is quite good enough. A very heavy husk protects this Corn which retains its tenderness and keeps it "in the milk" a surprisingly long time. Ears average eight to nine inches in length; cobs small and grain very deep. Pkg. 10c.,  $\frac{1}{2}$  pt. 20c., pt. 30c., qt. 50c.

## POP CORN

**Monarch White Rice.** This is the best Pop Corn for home or market. Select Ears. Lb. 20c., 3 lbs. 50c., 10 lbs. \$1.50.

## CRESS

**Curled or Pepper Grass.** Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c.

**True Water Cress.** Pkt. 10c., oz. 35c.

## CORN SALAD

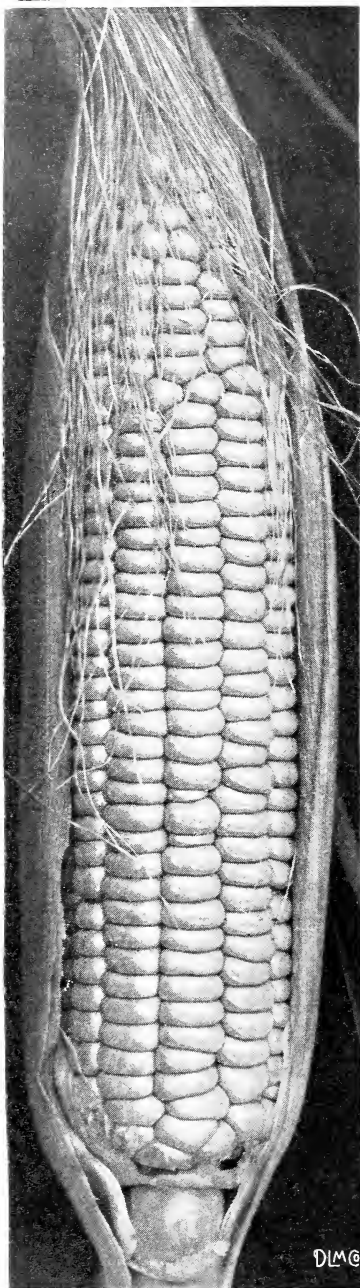
**Large Round Leaved.** Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c.

## DANDELION

**Improved Thick Leaf.** Pkt. 10c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.75.

## DILL

**Long Island Mammoth.** We carry only the very best obtainable stock of Dill Seed. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c.



Golden Bantam Corn

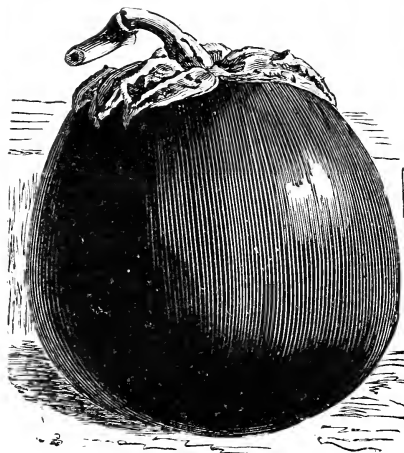
## Egg Plant

For best results, Egg Plants require rich soil, moisture and warm weather. Sow in gentle heat from middle March to middle April. Transplant from June 1st to June 15th, setting the plants about 3 feet apart each way.

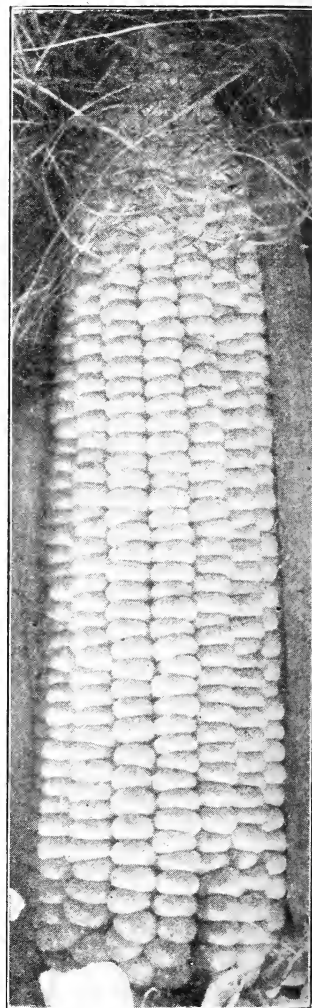
**Johnson's New Purple Tokyo.** This is the finest sort for home use. Extra early, surprisingly prolific, quality splendid. The small size makes them much more advantageous for home use. Pkt. 10c.,  $\frac{1}{2}$  oz. 50c.

**Black Beauty.** A splendid sort about two weeks earlier than New York Improved. Color, dark rich purple. Pkg. 10c.,  $\frac{1}{2}$  oz. 30c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.50.

**New York Improved.** The most popular main crop sort, fruit being largest and handsomest of all. Very solid, of rich shining deep purple color. Pkg. 10c.,  $\frac{1}{2}$  oz. 30c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.50.

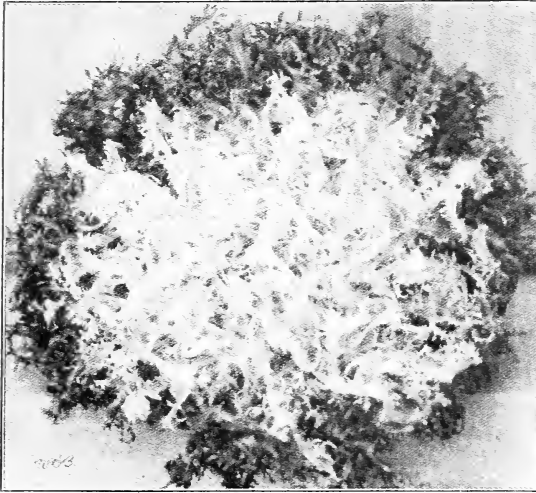


New York Improved Egg Plant



Earliest Mayflower Corn





Green Curled Endive

## ENDIVE

One of our best salad plants, especially valuable for winter use. For a first crop, sow about the middle of April; for succession, small sowings may be made every month until August, when the main planting is made. Set out the plants one foot apart.

**Green Curled.** A hardy, vigorous growing endive with bright deep green leaves. The dense mass of deeply divided leaves formed in the center blanches very readily to a rich cream color. This sort is highly esteemed for the home garden, and is much used for salads. Pkt. 5c., oz. 20c., 2 ozs. 35c.,  $\frac{1}{4}$  lb. 60c.

**White Curled.** Blanches rapidly and is very tender. Pkg. 5c., oz. 20c., 2 ozs. 35c.,  $\frac{1}{4}$  lb. 60c.

**Broad Leaved Batavia** (Escarolle). Leaves long and broad, thick and succulent. One of the choicest salads. Pkt. 5c., oz. 20c., 2 ozs. 35c.,  $\frac{1}{4}$  lb. 60c.

## KALE, or BORECOLE

Sow about middle of April in well prepared beds covering thinly and evenly. Plant out in July like Cabbage and give same culture.

**Dwarf Green Curled Scotch.** Very hardy, nicely curled. Most popular sort. Pkg. 5c., oz. 25c.,  $\frac{1}{4}$  lb. 75c.

**Siberian** (German Greens). Dwarf curled; bluish green; very hardy. May be sown in August. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 65c.

**Tall Scotch.** Grows tall and very curly. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 65c.

## KOHL RABI

(One ounce produces 2,500 plants.)

If you have never grown Kohl Rabi, you should try it this year. It is a most excellent vegetable, intermediate between the cabbage and turnip. Cultivate like cabbage and, when young, cook like turnips.

**Early White Vienna.** Flesh clear white, outside greenish white. Most popular. Pkt. 10c.,  $\frac{1}{2}$  oz. 30c., oz. 50c.

**Early Purple Vienna.** Same as above excepting skin is purple. Pkt. 10c.,  $\frac{1}{2}$  oz. 30c., oz. 50c.

**Large Green.** A late, very large-growing sort with immense bulbs, stems and leaves. Pkt. 5c., oz. 40c.

## HORSE RADISH ROOTS

**Maliner-Kren.** This new variety from Bohemia is larger, earlier and whiter than the common kind. We highly recommend it. Doz. 25c., 50, 75c., 100, \$1.25.

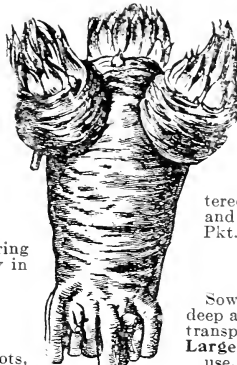
**Common Variety.** Very choice sets grown by an expert. Doz. 15c., 100 \$1.00

## GARLIC SETS

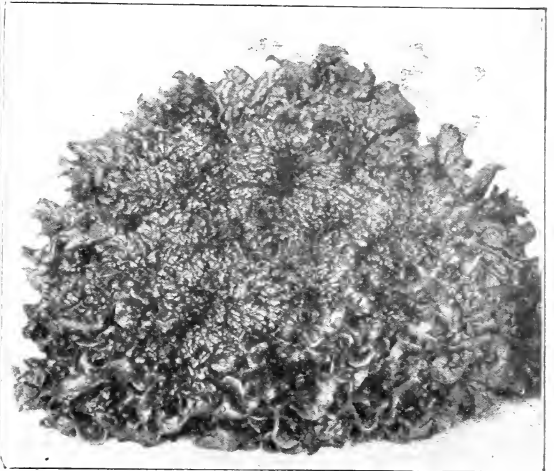
This is extensively used in many places for flavoring soups, stews, etc. The sets should be planted early in Spring. Cultivate like onions.  $\frac{1}{4}$  lb. 30c., lb. \$1.00.

## RHUBARB ROOTS

We do not handle the heavy, awkward, divided roots, but fine shapely seedlings. We have a fine stock, which we offer as follows: 10c. each, \$1.00 per doz.



Horse Radish



Black Seeded Simpson Lettuce

## LETTUCE

Lettuce thrives best in a light, very rich, moist soil. For first crop sow in gentle heat in February, and transplant to 10 inches apart. For a Summer supply sow thinly in shallow drills 18 inches apart, and transplant or thin out, leaving a foot between the plants. Sowing may be made from April to the end of August.

## BUTTER HEAD VARIETIES

**Big Boston.** Fine for forcing in coldframes or for early outdoors. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c.

**Dreer's Allheart.** Splendid for greenhouse forcing or for very early out door heads. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c.

**Burpee's Wayahead.** A new and very desirable early heading sort for out door culture, in the home garden. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c.

**Unrivalled.** This is similar to Big Boston excepting that the leaves are solid green and not tinged at edges. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c.

**California Cream Butter.** A splendid Cabbage Lettuce; outside leaves light green, inside crystal white, with yellow heart. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c.

**Tennis Ball.** The best heading variety for use under glass. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c.

**Hanson Improved.** Heads large, and stands the Summer well. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c.

**Improved Salamander.** Large heads that stand the drought and heat longer than any other. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c.

**Mammoth Black-Seeded Butter.** A large head of splendid quality. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c.

**May King.** Extra large, round solid heads. Very early. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c.

**Trianon Self-Closing Cos.** Leaves long, narrow, forming close upright heads. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c.

**Paris White Cos.** Very early, requires tying to blanch. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c.

## LOOSE-LEAVED VARIETIES

**Grand Rapids Forcing.** Crisp and tender; leaves frilled. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c.

**Early Prize Head.** A large clustering lettuce, most excellent for the home garden and the most easily grown variety in cultivation. Too tender to stand handling on the market. The leaves are very crisp, tender and sweet. Pkt. 5c., oz. 20c., 2 ozs. 35c.,  $\frac{1}{4}$  lb. 55c., lb. \$1.75.

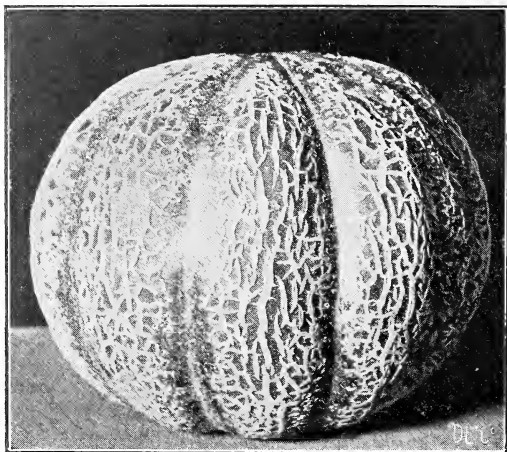
**Black Seeded Simpson** (See illustration). One of the best for sowing outdoors. Exceedingly tender. The color is an attractive light yellowish green. The leaves are ruffled and blistered and even the large outer ones are very tender and remain of excellent quality a very long time. Pkt. 5c., oz. 20c., 2 ozs. 35c.,  $\frac{1}{4}$  lb. 55c., lb. \$1.75.

## LEEK

Sow as early in Spring as practicable, in drills one inch deep and one foot apart. When six or eight inches high, transplant in rows ten inches apart each way.

**Large American Flag.** The most desirable for family use. Pkt. 10c.,  $\frac{1}{2}$  oz. 25c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.25.

**Carentan.** A very large variety of superior quality. Pkt. 10c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.25.



Emerald Gem Melon

## MELON, MUSK

After all danger of frosts is over, and the ground has become warm and dry, plant in hills 4 to 6 feet apart each way, 6 to 12 seeds to a hill. When up, and all danger of insects has passed, pull out all but 3 plants. Cultivate until the vines cover the ground, and pinch the ends of the growing shoots to induce early fruiting.

**Honey Dew.** This new sort is well worthy of a trial by all who love Muskmelons. Where climate and soil suit, its quality is magnificent. It has created sensations wherever high class hotels have served it. Become famous in one season. We offer strictly high grade seed. Pkt. 10c.,  $\frac{1}{2}$  oz. 20c., 1 oz. 35c.

**Selected Osage.** Well suited to sandy soil. Yellow flesh, fine quality. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 30c.

**Paul Rose.** Fine for clay soil. Salmon flesh, size medium. Very early. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 20c.

**Irondequoit.** Fruit large; well netted; early and of exquisite quality; salmon flesh. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 45c.

**New Fordhook.** Salmon flesh, flattish shape, well netted, flesh thick, very early. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c.

**Emerald Gem.** (Salmon flesh.) This beautiful melon is early and prolific. The skin is smooth, of a deep emerald green color. The flesh is thick and firm, ripening almost to the rind. Well adapted to Northern Ohio. Noted for its high quality. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 30c.

**Tip Top. Select Stock.** Good size, superb quality salmon flesh. Our stock is fine. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 35c.

**Ex. Ea. Hackensack.** Standard extra early sort. Green flesh. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 30c.

**Netted Gem or Rocky Ford.** The melon which made Rocky Ford famous. Small, very early, green flesh. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 30c.

## MELON, WATER

**Cole's Early.** Very early. Large heart, flesh of fine texture and good flavor. Rind thin. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 40c.

**Ice Cream.** Exquisite quality; red flesh; medium size; quite early. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 30c.

**Sweetheart.** Large, very fine flavor, solid, fine shipper. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 30c.

**Phinney's Early.** The finest of all the early maturing melons of medium size and oblong shape. The rind is thin. The red flesh is very sweet and tender. The vine is productive and a sure cropper, the melons maturing early. Adapted to all sections, and does exceptionally well in the Northern States. The very quickest sort to mature. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 30c.

**Peerless.** Very similar to Ice Cream. Quality fine. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 30c.

**Kleckley Sweet.** A new melon. Very popular. Long, dark, exquisite quality. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 30c.

**Citron.** For preserving. Very hardy and productive. Good keeper. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 30c.

## PARSLEY

Culture.—Soak seed for several hours and sow in border or frame. Thin the rows or transplant to 8 inches each way. Use one ounce of seed to 150 feet of drill. Make open air sowing in April.

**Champion Moss Curled.** A choice, selected strain, with beautifully crimped and curled leaves. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 40c.

**Hamburg Turnip-Rooted.** The root, which resembles a small parsnip, is the edible portion of this variety. Extensively grown and used for flavoring soups, etc. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 50c.

## ONION

**Ohio Yellow Globe.** Our seed of this finest of all Yellow Globe Onions is grown in Lake Co., Ohio, by one of the most expert onion men in the state. The strain is distinguished by a distinct, attractive shape and a handsome bright even yellow color,—ripens early and all at once; neck very small, and cure down to almost nothing. The firm, solid bulbs are excellent winter keepers, and all that can be desired in size and quality; yielders—800 bushels per acre are frequently grown on rich onion land. This is a superb onion for all classes of soil and especially good for all northern Ohio onion sections on account of its quick maturing qualities. Prices of select stock grown in Northern Ohio. Pkt. 5c., oz. 30c.,  $\frac{1}{4}$  lb. 75c.

**Large Red Weathersfield.** Not extra early, but very large, flat, red sort. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 60c.

**Southport Red Globe. Select Stock.** Immense yielder. Very popular where our genuine seed is used. Pkt. 5c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.00.

**Yellow Globe Danvers.** Select stock. The standard sort so long in use. Good keeper and yielder. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 65c.

**Mammoth Yellow Prizetaker.** American Grown seed. Grows very large and handsome. White flesh, mild flavor. Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00.

**Southport White Globe.** A globe magnificent shape white variety, very popular. Pkt. 10c.,  $\frac{3}{4}$  oz. 20c., oz. 45c.,  $\frac{1}{4}$  lb. \$1.50.

**Southport Yellow Globe.** Handsome, globe-shaped sort of large size, yellow skin, white flesh, fine grained mild, very firm and the best of keepers. Has yielded 1,000 bu. per acre. Pkt. 5c., oz. 25c.,  $\frac{1}{4}$  lb. 75c.

**White Portugal.** Very early, flat white sort. Mild flavor. Largely used for growing sets. Pkt. 10c., oz. 45c.,  $\frac{1}{4}$  lb. \$1.50.

**White Queen.** Used to produce pickling Onions. Pkt. 10c.,  $\frac{1}{2}$  oz. 25c., oz. 45c.,  $\frac{1}{4}$  lb. \$1.50.



## ONION SETS

Sets will produce green onions much quicker than seed. As soon as the ground can be worked in Spring, set in rows 1 foot apart and three inches in the row. For succession continue planting every two weeks.

**White Bottom Sets.** Mild flavor. Very popular. Qt. 25c.

**Yellow Bottom Sets.** Preferred by many on account of stronger flavor. Qt. 20c.

**Egyptian Winter Sets.** Plant in August and September for use late in fall and following Spring. Very hardy. Qt. 30c.

## MUSTARD

Sow thickly during early Spring, in shallow drills 12 inches apart. For Fall use, sow in September.

**Black Seeded.** An excellent sort with large leaves. Easily prepared. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 30c.

**White English.** Leaves used for salads while young. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 30c.

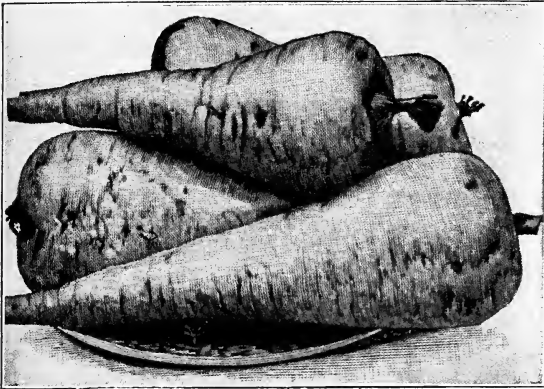
## OKRA

Sow after the middle of May, or early in June, in rich soil, in drills about an inch deep and 3 feet apart; thin out to 8 inches.

**White Velvet.** Tender white pods, smooth, and velvety appearance. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 30c.

**Long Green.** Long ribbed pods. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 30c.





Improved American Hollow Crown Parsnips

## PARSNIP

**Culture.**—Parsnips do the best in deep, rich, sandy soil, but will make good roots on any soil which is deep and mellow and moderately rich. As the seed is sometimes slow to germinate it should be sown as early as possible; cover one-half inch deep, and press the soil firmly over the seed; give frequent cultivation and thin the plants 6 or 8 to the foot. One ounce will sow 150 feet of drill; 5 lbs., one acre.

**Improved American Hollow Crown.** An improved strain of the old standard Hollow Crown. This has been selected for handsome form, whiteness of skin and flesh, firm, solid texture, good size, uniform shape and freedom from tendency to side roots. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 60c.

## PEPPER

Sow early in hotbed but do not transplant until weather is warm and settled as they are very tender. Select warm, sandy soil well enriched for best results.

**Ruby King.** Large, mild flavored. Pkt. 10c.,  $\frac{1}{2}$  oz. 35c., oz. 65c.,  $\frac{1}{4}$  lb. \$2.25.

**Sweet Mountain.** Standard sort; very sweet. Pkt. 10c.,  $\frac{1}{2}$  oz. 35c., oz. 60c.

**Red Squash, or Tomato Shaped.** Fruit small, flat, glossy dark red, early, very productive, thick fleshed and sweet. Becoming more popular every season. Pkt. 10c.,  $\frac{1}{2}$  oz. 50c., oz. 85c.

**Large Bell or Bull Nose.** Earliest sweet pepper. Pkt. 10c.,  $\frac{1}{2}$  oz. 35c., oz. 60c.

**Long Red Cayenne.** Small, long, slim, very hot. Pkt. 10c.,  $\frac{1}{2}$  oz. 35c., oz. 60c.

**Red Chili.** Small, bright red; very hot. Pkt. 10c.,  $\frac{1}{2}$  oz. 35c., oz. 60c.

**Chinese Giant.** Largest of all. Very mild. Pkt. 10c.,  $\frac{1}{2}$  oz. 40c., oz. 75c.

**Perfection Pimento.** This new pepper is especially desirable for the home garden both green and ripe. It is so smooth and uniform in shape that the skins can be easily slipped off by scalding a few seconds in hot water. The hull or meat is from two to three times as thick as that of the old "Bell" types. In quality it is a very sweet and delicious and entirely free from pungency. Color is a beautiful scarlet red. Pkt. 10c.,  $\frac{1}{2}$  oz. 40c., oz. 75c.

## PUMPKIN

Usually grown in corn. Very useful for stock.

**Connecticut Yellow Field.** The common yellow sort. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 35c., lb. \$1.25.

**Small Sugar.** Very early. Finest for pies. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 35c., lb. \$1.25.

**Cushaw.** Large crook neck. Very sweet. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c.

**Large Cheese.** Fine grained, yellow flesh. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 35c.

## GARDEN PEAS

Peas mature earliest in a light, rich soil; for general crop, a rich deep loam is the best. When grown in gardens sow in double rows six to eight inches apart, the rows two to four feet apart, the tall ones requiring brush. Commence sowing *Alaska* and *First and Best* as early as the ground can be worked in February or March; and continue with other sorts for a succession every two weeks until June. One quart for 8 rows 10 feet long.

### EARLY VARIETIES

Of these early varieties, the *Alaska* and *First and Best* are noted for extreme earliness but not for best quality. Should be planted as soon as soil can be worked.

**Alaska.** The very earliest sort. Sometimes called First of All. Pkt. 10c., pt. 25c., qt. 45c.

**First and Best.** Being a round, hard-shelled variety it can be sown when frost is barely out of the ground. Height 2 $\frac{1}{2}$  ft. Pkg. 10c., pt. 25c., qt. 45c.

**Gradus or Prosperity.** An Extra Early wrinkled Pea, hardy early and profitable. This remarkable Pea is one of the most widely known varieties in cultivation. The vine is about 24 inches in height on good soil. The pods are borne abundantly. As many as 8 to 10 peas of the largest size and most luscious quality are found in each pod. For the home garden it is perfectly adapted, on account of earliness and quality. (See cut.) Pkg. 10c., pt. 35c., qt. 60c.

**New Extra Early Pilot.** The pods and peas are nearly as large as those of Gradus, while they are produced—as early as the smooth-seeded extra-earlies. Pkg. 10c., pt. 25c., qt. 45c.

**American Wonder.** Good early sort; height 10 to 12 inches. Pkg. 10c., pt. 30c., qt. 50c.

**Nott's Excelsior.** An improvement on American Wonder, being as early and pods decidedly larger. Height, 14 inches. Pkg. 10c., pt. 30c., qt. 50c.

**Sutton's Excelsior.** The finest early, large-podded dwarf wrinkled Pea. 1 $\frac{1}{2}$  feet. Pkg. 10c., pt. 35c., qt. 60c.

**Laxtonian.** 15 to 18 inches high, very large pods, similar to Gradus in shape. Quality splendid. Highly recommended. Pkg. 10c., pt. 35c., qt. 60c.

**Thomas Laxton.** The plant is a very hardy and strong grower, producing extra large size pods in abundance. The quality is delicious, and cannot be surpassed by any other variety. Pkg. 10c., pt. 35c., qt. 60c.

**Little Marvel.** New and a great acquisition. Height 15 inches. Peas deep green, extra early, large pods, heavy cropper. Pkg. 10c., pt. 35c., qt. 60c.

**Pioneer.** One of the earliest of the wrinkled peas; robust in habit and bearing an abundance of handsome dark green pods well filled with large peas of fine quality. Height, 1 $\frac{1}{2}$  feet. Pkt. 10c., pt. 35c., qt. 60c.

**Peter Pan.** Height 15 to 18 inches. The largest podded of the dwarf varieties. Pods 4 $\frac{1}{2}$  to 5 inches long; dark green in color, and well filled with large Peas of superb quality. Very productive. Pkt. 10c., pt. 35c., qt. 60c.

## MUSHROOM SPAWN

Have fresh Mushrooms on your Table every day.

**Pure Culture (in bricks).** The finest quality. This is vastly more dependable than the old style of English Milltrack Spawn, and costs but little more. Brick, 25c. each; 10 bricks, \$2.00. Ask for prices for large lots. Free Leaflet on Mushroom Culture on request.



Gradus, or Prosperity Peas

## GARDEN PEAS—Continued

## Second Early and Medium Varieties

**Carter's Daisy.** Pods containing 8 to 9 large wrinkled Peas equal to telephone pods. Sometimes called Dwarf Telephone. Pkg. 10c., pt. 35c., qt. 60c.

**Advancer.** Prolific, well-filled pods, tender and delicious. 2 feet. Pkg. 10c., pt. 30c., qt. 50c.

**Premium Gem.** A medium early green wrinkled Pea, which is exceedingly prolific. Height 12 in. Pkg. 10c., pt. 30c., qt. 50c.

**Alderman.** A remarkably strong growing, main crop variety of the Telephone type, with enormous dark green pods, containing 8 to 10 large, wrinkled Peas of immense size; very tender and luscious. 4 to 5 feet high. Pkg. 10c., pt. 35c., qt. 60c.

**Telephone.** Immensely productive and of the finest quality. The pods are of large size, containing 6 to 7 Peas, which are of pale green color, of delicious flavor.  $3\frac{1}{2}$  feet. Pkg. 10c., pt. 35c., qt. 60c.

**Duke of Albany.** Prolific, upright and branching in habit, large pods well filled with extra large green peas. Height  $3\frac{1}{2}$  feet. Pkg. 10c., pt. 35c., qt. 60c.

## General and Late Crop

**Dwarf Defiance.** Very large pods, dark green. Peas large and very sweet. Pkg. 10c., pt. 35c., qt. 60c.

**Improved Stratagem.** Pods of immense size, filled with very large dark green Peas of the finest quality; height, 18 inches. Pkg. 10c., pt. 35c., qt. 60c.

**Pride of the Market.** A dwarf Pea of vigorous habit and very productive. The pods are large, of a medium green color, and contains 7 to 9 Peas of fine quality. 2 feet. Pkg. 10c., pt. 25c., qt. 45c.

**Champion of England.** A popular wrinkled variety, of delicious flavor; profuse bearer. Peas are large and very tender. 5 feet. Pkg. 10c., pt. 25c., qt. 45c.

**Large White Marrowfat.** Large well-filled pods. Height, 5 feet. Pkg. 10c., pt. 25c., qt. 40c.

**Black-eye Marrowfat.** Extensively grown as Field Peas. Hardy, productive, and bears well-filled pods. Height, 4 feet. Pkg. 10c., pt. 25c., qt. 40c.

**Canada Field.** Will quote lowest possible prices on application. Choicest Northern Michigan grown.

## SEED POTATOES

## Northern Grown

Our Potatoes are all *Choice Northern Grown*, especially for seed purposes. The following prices are based on values existing at the date of going to press with this catalog in December. We are often able to make material reductions during the winter or spring to purchasers of large lots. Correspondence invited, and we suggest that you either call at our store or let us quote by letter, when you are ready to buy. Prices subject to change.

## Carman No. 3

Doubtless the most popular late potato and certainly one of the most worthy. It yields great crops of fine large, smooth potatoes, even under the most unfavorable circumstances. It grows a very strong upright top with dark colored stalks and purple blossoms and is little affected by drought, blight, or bugs.  $\frac{1}{2}$  pk. 45c., pk. 85c., bu. \$3.00., bbl. \$9.75.

## Early Rose

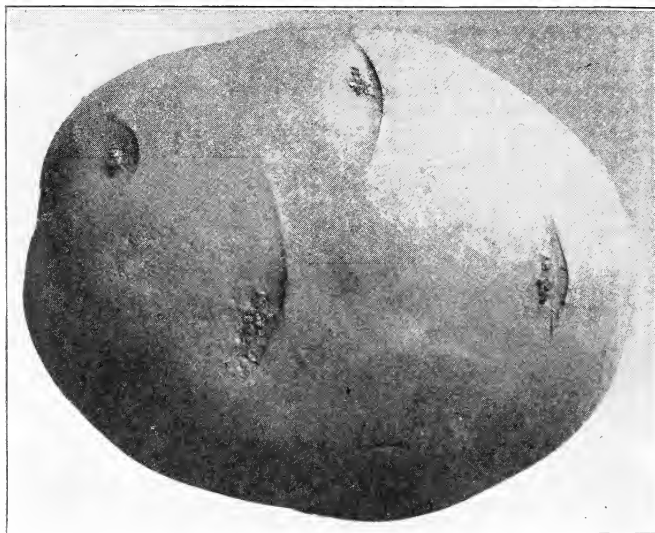
We have genuine stock of this first-class standard variety.  $\frac{1}{2}$  pk. 45c., pk. 85c., bu. \$3.00.

## Early Bovee

Almost as early as Extra Early Ohio. In competitive trials with other early sorts it has out-yielded them all. Vine dwarf and stocky Tubers grow close together in the hill.  $\frac{1}{2}$  pk. 50c., pk. 90c., bu. \$3.25.

## Irish Cobbler

The tubers of this splendid extra early sort are oblong in form with very shallow eyes and nearly pure white skin. In earliness this variety stands very near the head of the list. Its table quality can hardly be excelled and its shape is very advantageous for cooking quickly, either by baking or boiling. The tops die down as soon as the crop is matured, so that the potatoes may be dug and the land planted to second crops.  $\frac{1}{2}$  pk. 45c., pk. 85c., bu. \$3.00.



Carman No. 3 Potato

## Extra Early Ohio

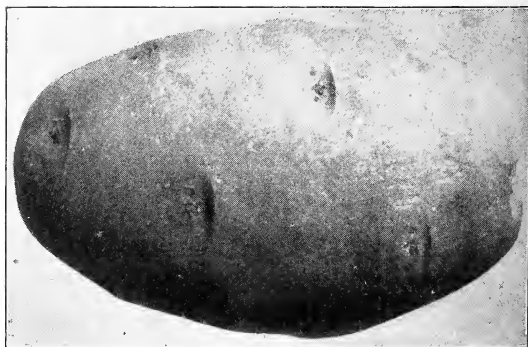
Our **Genuine Extra Early Ohios** are now well known to our old customers but for the benefit of those who have not tried them we wish to say that our seed is grown with just as much care as is bestowed on Pedigree Seed Corn. It is astonishing how much mixed and "run down" stock is annually foisted on Market Gardeners by unscrupulous dealers. We challenge comparison with the best seed offered anywhere.  $\frac{1}{2}$  pk. 50c., pk. 90c., bu. \$3.25.

## Sweet Potatoes

☛ Owing to their perishable nature we do not keep them in stock but supply orders booked in advance. Our seed is of the best strain of Genuine Yellow Jersey direct from New Jersey. Pk. \$1.25, bu. \$4.00.

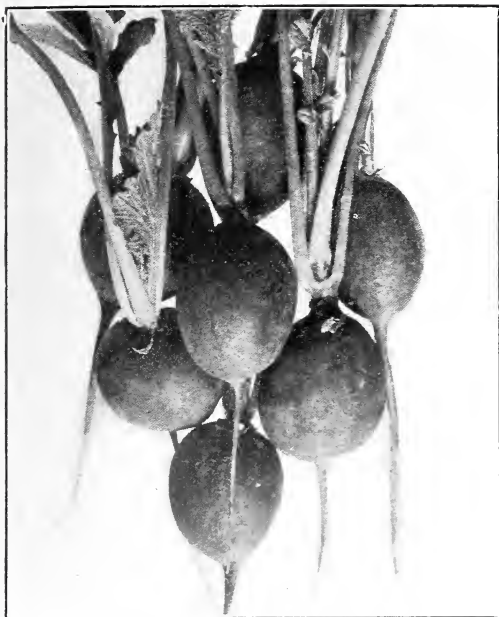


Extra Early Ohio Potato

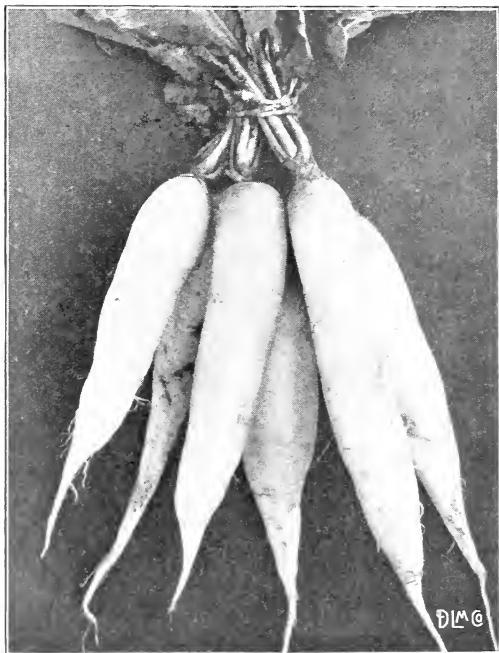


Early Bovee Potato





Improved Scarlet Globe Radish



Icicle Radish

## RADISH

To be crisp and tender, Radishes must grow quickly; whenever growth is checked by drought or cold weather, they become tough and pithy. Rich, light, sandy soil suits them best. For the forcing crop, sow seeds in hot beds in rows 5 to 6 inches apart and thin the plants as the ground becomes warm. Seed of winter varieties should be sown in mid-summer. Summer varieties are best adapted for general crop. An ounce of seed will sow about 75 feet of drill.

### EARLIEST SORTS

**Improved Scarlet Globe.** This new radish has a remarkable ability to bear the heat necessary for rapid growth without becoming pithy or losing flavor. As shown in the illustration, it is of surpassing beauty as regards shape and color. The flesh is crisp, tender, juicy and mild. The color is a rich scarlet. It has a small top and the roots are surprisingly uniform in shape and size. We offer only the most carefully grown seed. See cut. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c.

**Crimson Giant Turnip.** A round radish of large size for so early a variety. The roots are nearly globe-shaped, of beautiful crimson-carmine color and most excellent quality, often growing one and three-fourths inches in diameter before becoming pithy. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c.

**Early Scarlet Turnip.** A well-known and highly esteemed variety. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c.

**Early Round Dark Red.** Same shape as the Scarlet Turnip, darker in color. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c.

**Prussian Globe.** Very rich red globe for forcing. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c.

**Fireball.** Extra early round dark red for forcing. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c.

**French Breakfast.** A favorable sort, mild and crisp. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c.

**White Tipped Scarlet Turnip.** For early planting in frames or outdoors. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c.

**Model White Box.** Its beautiful pure white color makes it very useful for mixing with other sorts. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c.

**Rosy Gem.** An extra early strain of White Tip Scarlet Turnip, adapted to forcing. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c.

**Cincinnati Market.** The finest long Red Radish in cultivation, either for house or the market. (See illustration.) Skin scarlet colored, very thin, the flesh crisp, brittle and of delightful flavor. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c.

**Long Scarlet Short Top.** Very long and crisp. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c.

**Icicle.** A beautiful waxy white, long-rooted Radish, gradually tapering down from the shoulder which is about  $\frac{3}{8}$  inch in diameter. The roots are usually 5 or 6 inches long and have small tops. This is the earliest of the longrooted early summer white sorts, desirable for outdoor planting and for forcing. Flesh is crisp and tender. Oz. 15c.,  $\frac{1}{4}$  lb. 50c.

### SUMMER SORTS

**White Stuttgart.** Shape like a turnip; skin and flesh both white, excellent Summer variety. Pkt. 5c., oz. 25c.,  $\frac{1}{4}$  lb. 60c.

**Long White Vienna, or Lady Finger.** Pure white in color, of long tapering shape. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 60c.

**Large White Summer.** Large size and fine form. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c.

**Improved Chertier.** The color at the top is crimson, running into pink about the middle, and from thence downward is pure white. Splendid for summer use. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c.

### WINTER SORTS

**Rose China.** Bright rose color; fine for Winter use. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c.

**Round Black Spanish.** Fine for Winter use. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c.

**Celestial.** Flesh white and crisp; fit to use early in the Fall. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c.

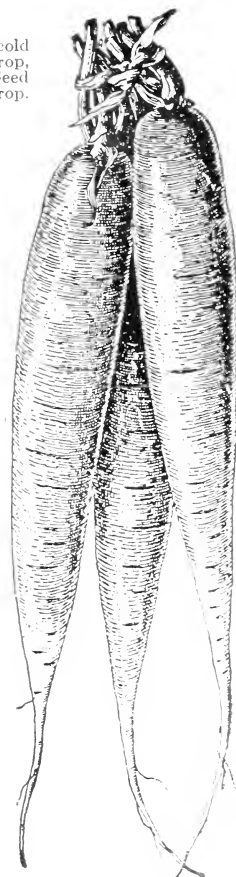
**California Mammoth White Winter.** A white-fleshed Radish of excellent quality. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c.

## RHUBARB

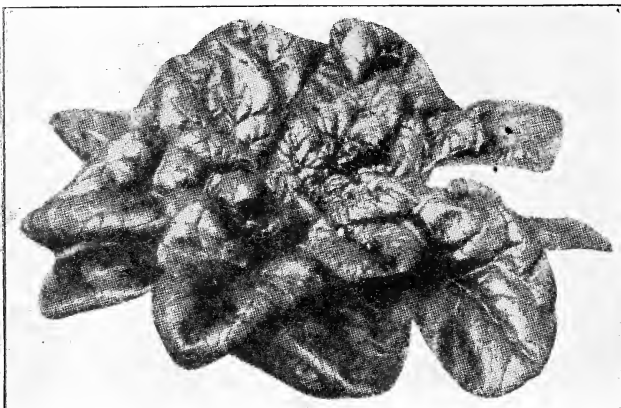
Sow the seed early and, when the plants are large enough, thin them to 4 or 5 inches apart. The next spring or fall transplant them 3 feet apart each way in deep, rich soil.

**Victoria.** The standard sort in use everywhere. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 60c.

**Rhubarb Roots.** Each 10c., doz. \$1.00.



Cincinnati Market Radish



Spinach

## SPINACH

**Improved Thick Leaf.** (Viroflay.) Produces large, thick, bright green crumpled leaves of fine quality; very slow in running to seed; one of the best market sorts. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 45c.

**Victoria.** Very heavy, broad, deep green, crumpled leaves; of fine, succulent quality; it stands in prime condition long after other varieties have bolted to seed, rendering it especially valuable for spring sowing and summer use. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 45c.

**Long Standing Prickly Seeded.** Matures a little later than the round seeded sorts. The plant is very large, very vigorous and hardy, and yields a large quantity of leaves, thick and uniformly green. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 45c.

**Long Season.** All that its name implies. Leaves thick, tender and succulent. Very dark green color. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 45c.

**New Zealand Summer.** Growing rapidly in favor. Can be cut many times. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 45c.

## SQUASH

Sow the Summer Varieties in the same manner and at the same time as early Cucumbers and Melons, in hills 3 to 4 feet apart, and Winter Varieties about June 15th in hills 6 to 8 feet apart.

**Early White Bush Scallop.** A well-known Summer variety; the flesh is tender and delicate. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c.

**Early Yellow Bush Scallop.** Early, flat, deep orange, with smooth rind. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c.

**Giant Yellow Summer Crookneck.** The best sort for Summer; very early and productive. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c.

**Golden Custard Bush.** Dark rich golden-yellow; quality excellent. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c.

**Fordhook.** One of the best Winter varieties; bright yellow outside with straw-yellow flesh; very productive and a wonderful keeper. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 60c.

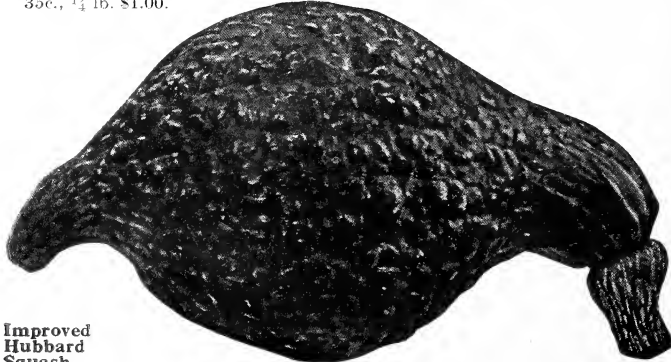
**Golden Hubbard.** Shape same as old-fashioned Hubbard, but skin is rich orange color. The flesh is deep golden-yellow. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c.

**Mammoth Chili.** Grows to an immense size, sometimes weighing considerably over 100 pounds; valuable for table use. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c.

**Improved Hubbard.** Well-known and liked for late use; of superior quality; large size; color dark green. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c.

**Warted Hubbard.** Large; dark green. Shell very hardy, covered with warted knobs. Very thick-fleshed, of the finest quality. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c.

**Vegetable Marrow Long Cream.** This vegetable is largely sown by gardeners in England, but may be grown here equally as well, providing a liberal quantity of manure is dug into the hill and plenty of moisture supplied. Fruits are oblong in shape, and should be eaten when less than half grown, at which time the flesh is very tender and may be cooked like ordinary squash or fried like egg plant. The shape is attractive, color creamy-white, and skin smooth. Pkt. 10c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.00.



Improved Hubbard Squash

## TABLE TURNIPS

For early, use sow as soon as the ground can be prepared, in drills 15 inches apart, and thin the plants to stand 8 inches apart. Sow for succession at intervals of a fortnight, until the last week in July, and from that time onward until the last of August sow for main crop. The sowing should always be made just before a rain, if possible, as the success of the crop depends, in a great measure, upon quick germination and rapid growth of the young plants. An ounce of seed will sow 150 feet of drill; two pounds will sow an acre.

**Purple Top White Globe.** This is one of the handsomest and most salable Turnips. Very desirable for either home or market gardens. It is a large, rapid growing sort, with globular shaped roots. Flesh is pure white and the top bright purple. On account of its shape it will outyield any other sort and is always a sure cropper. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.50.

**White Egg.** Shape nearly oval, flesh firm, smooth and white skin—mild and very sweet. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 60c.

**Extra White Milan.** Extra early white of most delicate flavor and tempting appearance. Pkt. 5c.,  $\frac{1}{2}$  oz. 15c., oz. 25c.,  $\frac{1}{4}$  lb. 75c.

**Red Top Scrap Leaf.** A standard sort extensively grown for private use. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb.

**Long White, or Cow Horn.** A quick-growing, long variety, flesh fine-grained, and sweet, excellent for table use. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 65c.

**Early Purple Top Milan.** Earliest of all purple-topped Turnips. Pkt. 5c., oz. 25c.,  $\frac{1}{4}$  lb. 75c.

**Yellow Aberdeen (Purple Top).** A very hardy and productive variety. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 60c.

**Yellow Stone.** One of the best flesh sorts for table use. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 60c.

**Golden Ball, or Orange Jelly.** Its beautiful color and fine flesh have earned for it a high place in home gardens. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 60c.

## RUTA-BAGA

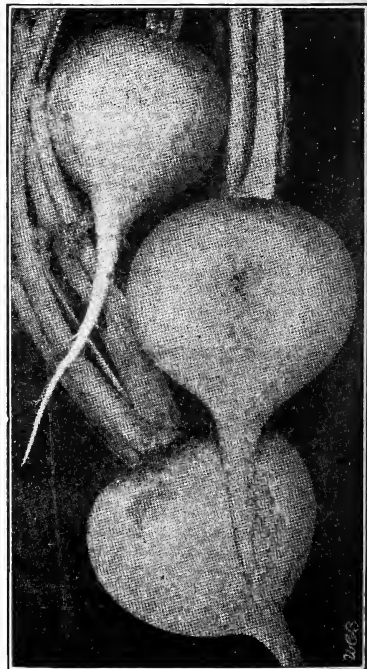
Sow Ruta Baga in June and July in drills two feet apart; thin out to nine inches in the row.

**Improved American Purple Top.** A yellow-fleshed purple-top variety, grown either for stock or table use. Pkt. 5c., oz. 25c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.00.

**Perfection White.** The best white variety offered. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 65c., lb. \$2.25.

## SALSIFY, or OYSTER PLANT

**Mammoth Sandwich Island.** Roots large, long, smooth, tender, and well flavored, resembling fair-sized parsnips. Pkts. 5c. and 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c.



Purple Top White Globe Turnip



# TOMATO

Sow from early March to April 15th in a hotbed or greenhouse, where the temperature is never below 60 degrees. About the first of June they may be transferred to the open ground. Set them deeply, four feet apart, and a shovelful of rotted manure should be mixed in the earth of each hill.

**Improved Beauty.** A decided favorite for either home market or shipping purposes, being early, hardy, strong grower, productive, fruit large, always perfect in shape and excellent in quality. The color is glossy crimson with a tinge of purple. It grows in clusters of 4 to 6 large fruits, retaining its large size late in the season. It is very firm fleshed, and but few seeds. It seldom rots or cracks after a rain. Can be picked quite green, will look well, ripen up nicely and keep perfect for a week after it is ripe. Pkt. 5c.,  $\frac{1}{2}$  oz. 30c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.50.

**Acme.** Rich glossy crimson, tinged with purple; perfectly smooth. Pkt. 5c.,  $\frac{1}{2}$  oz. 30c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.50.

**Livingston's Globe.** The color of fruit is purplish-crimson; ripens to the stem; fruit is large, solid and very high globe. Pkt. 5c.,  $\frac{1}{2}$  oz. 30c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.75.

**Dwarf Champion.** Upright habit of growth. Very early, fine for small gardens. Fruit smooth, medium in size. Pkt. 5c.,  $\frac{1}{2}$  oz. 35c., oz. 60c.,  $\frac{1}{4}$  lb. \$1.75.

**Chalk's Early Jewel.** A very early scarlet variety; a heavy cropper; fruit smooth, round and solid. Pkt. 5c.,  $\frac{1}{2}$  oz. 30c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.50.

**Bonny Best.** Is extra early and very prolific. Color deep scarlet. Pkt. 5c.,  $\frac{1}{2}$  oz. 30c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.25.

**June Pink.** The earliest of all purple tomatoes, distinct and handsome appearance. Pkt. 5c.,  $\frac{1}{2}$  oz. 30c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.50.

**Earliana.** Is a very early variety, of uniform size and very productive. The fruit is round, smooth and firm; color bright red. Pkt. 5c.,  $\frac{1}{2}$  oz. 30c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.50.

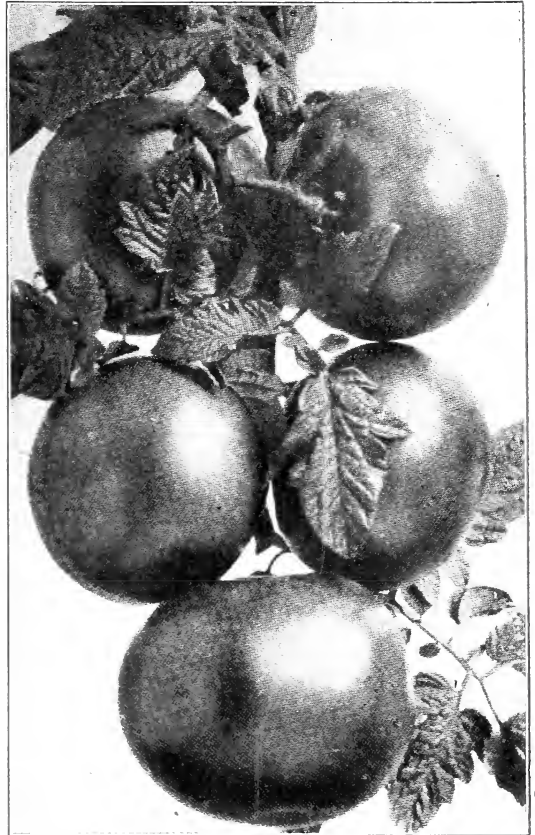
**Golden Queen.** About size and form of Beauty; smooth golden yellow. Pkt. 5c.,  $\frac{1}{2}$  oz., 30c. oz. 50c.,  $\frac{1}{4}$  lb. \$1.50.

**Ponderosa.** Extra large. Purplish crimson color; flavor and solidity unequalled. Pkt. 5c.,  $\frac{1}{2}$  oz. 40c., oz. 75c.,  $\frac{1}{4}$  lb. \$2.00.

**Stone.** This is a large, very smooth, bright scarlet Tomato, ripening evenly to the stem without cracking. The flesh is firm, solid and of excellent quality. Pkt. 5c.,  $\frac{1}{2}$  oz. 30c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.50.

**Truckers' Favorite.** A very large smooth and solid variety. Pkt. 5c.,  $\frac{1}{2}$  oz. 30c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.50.

**Comet.** This is a splendid variety for greenhouse. It is very shortjointed, fruiting close up to the stem. The tomatoes are of good medium size, quite smooth, very solid and of a deep scarlet color. Pkt. 15c.,  $\frac{1}{4}$  oz. \$1.25, oz. \$4.00.



Improved Beauty Tomato

## Small Fruited Tomatoes

Yellow Plum, Yellow Pear, Red Pear, Yellow Cherry, Red Currant, Yellow Peach, Red Cherry, Red Plum, Golden Husk, Purple Husk, used principally for preserving. All 5c. per pkt.,  $\frac{1}{2}$  oz. 25c., oz. 40c.

## SUNFLOWER

**Mammoth Russian.** Gray or striped seeds, heads very large. An excellent food for poultry. Flowers 18 to 20 inches in diameter. Very showy, but mostly grown for the large amount of seed produced. Pkt. 5c.,  $\frac{1}{4}$  lb. 10c., lb. 25c., lb. \$1.25.

## SEA KALE

Sow one inch deep in drills; thin to 6 inches; transplant the following spring 3 feet apart. The blanched shoots are used like Asparagus; very tender. Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. 55c.

## SWEET, POT and MEDICINAL HERBS

**Anise.** Annual aromatic. Used medicinally. Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c.,

**Balm,** Perennial. Leaves used medicinally. Pkt. 5c., oz. 35c.

**Basil,** Annual. Used for flavoring. Pkt. 5c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.25.

**Caraway,** Annual. Seeds used in confectionery. Pkt. 5c., oz. 30c.

**Catnip,** Perennial. Used for medicinal purposes. Pkt. 10c., oz. 50c.

**Coriander,** Annual. Seeds used in confectionery. Pkt. 5c., oz. 20c.

**Dill,** Annual. Used for flavoring pickles. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**Fennel,** Perennial. Used for flavoring fish. Pkt. 5c., oz. 25c.

**Fennel, Florence.** Annual. Roots used for salads. Pkt. 5c., oz. 25c.,  $\frac{1}{4}$  lb. 80c.

**Horseround,** Perennial. Used medicinally. Pkt. 5c., oz. 30c.

**Lavender,** Perennial. Valuable for its perfume. Pkt. 10c., oz. 55c.

**Marjoram, Sweet.** Perennial for flavoring. Pkt. 10c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.50.

**Rosemary,** Perennial. Valuable as a hair wash. Pkt. 5c., oz. 35c.

**Sage,** Perennial. Used for dressing and flavoring. Pkt. 10c., oz. 75c.,  $\frac{1}{4}$  lb. \$2.25.

**Sorrel,** Perennial. Used for salads and "Greens." Pkt. 5c., oz. 30c.

$\frac{1}{4}$  lb. 85c.

**Summer Savory,** Annual. Used for flavoring. Pkt. 10c., oz. 75c.,  $\frac{1}{4}$  lb. \$2.25.

**Thyme,** Perennial. Used for seasoning. Pkt. 10c., oz. 75c.



Johnson's Stock Earliana Tomato

# SEED CORN

It costs less than 75 cents an acre to use our carefully selected **SEED CORN**. Do you consider it wise to risk seed of doubtful ancestry when **PEDIGREED SEED** is so cheap?

We come to you this season with the best seed corn we have been able to offer in the last six years. Our crops are of unusual quality and if you want corn of superior merit send us your orders. We offer only stock grown specially for seed purposes from our own pedigreed stock seed. The results will show for themselves at harvest time. It is true that you can likely select good ears from your own or your neighbor's crib that appear all right, but reversion will show in the product. You can save yourself time and labor and secure increased yields from now on if you purchase our seed this spring, because, as stated above, you can get exceptionally good stock this year of pure bred, sound, thoroughly matured, corn, that will not be surpassed and probably not equaled again for several years.

**We do not sell Ear Seed Corn.**—Did you ever stop to think that the man who buys ear seed corn pays double what he should for his seed? Every house in the trade that sells ear corn charges a premium for it. In addition, at least 25 per cent. of the corn on the cob is tip and butt grains, unfit for seed. In reality, you pay double price for the privilege of seeing the ears before they are shelled. If you cannot trust to selection the seedsman, don't buy of him. We sort our corn just as carefully as you can.

## JOHNSON'S FIRST CHOICE YELLOW DENT

### Quick Maturing—Heaving Yielding

This excellent variety possesses so many good points that we offer it as one of the best early yellow Dent corns. The plant is strong, deep rooted and stocky, enabling it to withstand drought in a remarkable manner. The corn matures in 85 days from planting; this makes it very valuable to farmers in the northern tier of states. It is a very heavy yielding variety, nearly all stalks bearing 2 ears, some 3. The ears are medium sized with a very small cob, which is covered from tip to tip with a very beautiful golden yellow dent corn. The ears average from 7 to 9 inches in length. It will yield more pounds of shelled corn per bushel of ears than many of the late varieties. This is one of the best varieties for the silo, many preferring it to the so-called ensilage corn.

In addition, it is the finest variety imaginable for second or late planting in more Southerly locations.

Our seed of *First Choice* has been carefully selected for many years by an expert in this section and is therefore especially adapted to Northern Ohio and like latitudes.

Prices, qt. 30c.,  $\frac{1}{2}$  pk. \$1.00, pk. \$1.75, bu. \$6.00.

## EARLY HURON YELLOW DENT

Stalks grow about 7 to 8 feet high and set the ears  $3\frac{1}{2}$  to 4 feet from the ground. The type is very even. Ears measuring 8 to 10 inches in length, very uniform in size and shape. Color is a clean, light golden. Cobs small, shank easily broken in husking. The seed we offer has been grown in Northern Ohio for many years, so that it is thoroughly acclimated to this section.

Prices, qt. 20c.,  $\frac{1}{2}$  pk. 65c., pk. \$1.25, bu. \$4.50.

## IMPROVED LEAMING YELLOW DENT

Improved Leaming is medium early. The ears are large with very deep bright yellow kernels. The cob is small. The stalks grow to a medium height and often produce two large ears and make first-class fodder. This corn succeeds well on nearly all soils and will produce large crops of high grade deep yellow corn. One of the best varieties to sow for fodder and ensilage, as well as for grain. Prices, qt. 20c.,  $\frac{1}{2}$  pk. 65c., pk. \$1.25, bu. \$4.50.

## NORTHERN OHIO WHITE DENT

The brightest silver colored Corn. The ears are very large, extra long, medium depth of kernel, extremely firm and solid. It weighs like lead and shells out remarkably well; it matures early, having originated in Northern Ohio. It is very hardy, having a broad kernel, which assures strong germinating power. Prices, qt. 20c.,  $\frac{1}{2}$  pk. 65c., pk. \$1.25, bu. \$4.50.

## WHITE CAP YELLOW DENT

is a strong grower, resists heat and drought; yields large crops on thin soil; matures in 90 to 100 days, stalks 8 to 10 feet high, ears 8 to 10 inches long, well filled with 16 to 18 rows, packed solidly on a small red cob. The outer end of the grain is white and deeply dented, balance amber yellow. The fodder is abundant and of superior quality. Many of our customers who have tried this think it the best variety. Prices, qt. 20c.,  $\frac{1}{2}$  pk. 65c., pk. \$1.25, bu. \$4.50.

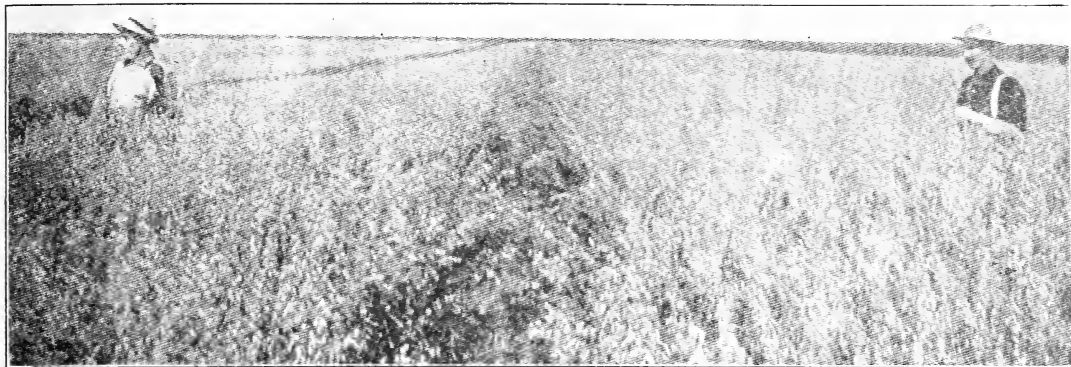
## RED COB ENSILAGE

A pure white corn cropping as high as 45 tons of fodder per acre. Sweet, tender and juicy. More nourishment than any other variety. Short joints, abundance of leaves and of tall growth. An excellent silo corn. Bu. \$3.25, bag of  $2\frac{1}{2}$  bu. for \$3.50 including grain bag

## SWEET CORN FOR FODDER

For cutting in the green state, for summer forage, sweet corn is superior to any of the ordinary field corns. We recommend it especially to dairymen, for use during July, August and September, when pasturage is affected by dry weather. It forms a cheap and wholesome feed for cows, as every part of the stalk and leaves are relished. Prices on application.





### Very Productive Thin Hull

## NEW JOHNSON OATS

### Heavy Grain Stiff Straw

The New "Johnson" Oats originated in Michigan, and we have many testimonials attesting to their value. The heads are large and branching and loaded with big, plump, thin-hulled and bright grain.

Its roots run deep into the soil, thus supplying the plant with moisture and food even in a dry season. It stools surprisingly, so that one peck less should be sown per acre. It is plump and heavy, often weighing 36 to 40 lbs. to the bushel. The straw is very stiff and of medium height, holding up its large, well filled heads on the richest ground when other varieties lie flat. The "Johnson" are not side oats. The money you invest in Johnson Oats for seed will yield a profit of 100 to 200 per cent. in the increased yield you will get over the common kind you have been planting. The extra cost of the seed of the Johnson over common oats is so light that no one can afford to plant the common varieties. A change of seed once in 2 or 3 years is absolutely essential to growing good crops and when a change is made, get the best variety possible. The Johnson will fill the bill every time. Prices of *Choicest Michigan Grown Seed* bu. \$1.75. 5 bu. or more, at \$1.65, 10 bu. or more, at \$1.55 per bu.

### NEW SENSATION OATS

They are noted for vigorous growth and large, white, plump grains, with thin hull, weighing 40 lbs. per bushel with ordinary threshing cleaning. On account of large per cent. of meat in the kernel they are well suited for oatmeal and other oat products. Prices, *Choicest Michigan Grown Seed*. Bu. \$1.50, 5 bu. at \$1.40, 10 bu. at \$1.35.

### NORTHERN GROWN BONANZA OATS

This old standard sort is still very popular as it can be depended upon to produce good yields under adverse conditions. Bu. \$1.40, 5 bu. at \$1.30, 10 bu. at \$1.25.

### IMPROVED SWEDISH OATS

We offer this year carefully grown seed, raised entirely from selected stock. The result of this care in selection is shown in crops, which average upwards of 80 bushels to the acre. The seed now offered as the Improved Swedish Oats is the very best, and every farmer should renew his stock at once.

The grain is white, large and plump, ripens early, has a stiff straw of good length. It stools freely and throws up a large number of stems, and therefore requires less seed per acre. *Choicest Michigan Grown Seed*. Bu. \$1.50, 5 bu. at \$1.40, 10 bu. at \$1.35.

## MISCELLANEOUS SEEDS—Prices variable—write us when ready to buy

**BARLEY, Bonanza.** Earlier than any other Bearded Barley, and a heavy yielder. Write for price.

**BEANS, Early Soja.** Write for price.

**BROOM CORN, Evergreen.** Lb. 15c., 10 lbs. \$1.25.

**BUCKWHEAT, Japanese.** Write for price.

**POP CORN, White Rice.** Lb. 20c., 3 lbs. 50c.

**FLAX SEED.** Lb. 25c.

**MILLET, Southern German, or Golden.** Write for price. Japanese. Grows very quickly, yields wonderfully. Lb. 10c., 10 lbs. 80c.

**Hungarian.** Excellent for hay. Write for price.

**OSAGE ORANGE.** Lb. 40c.

**PEAS, Canada Field.** Field Peas should be sown early in April, 2 bushels per acre. If sown with oats for fodder and hay, sow 1½ to 2 bushels each per acre. The Peas should be sown first and plowed under, about 4 inches deep, the oats may then be drilled in. The crop will be ready for cutting when the oats are in the milk and pods formed on the peas. This makes fodder and hay that will double the flow of milk. This crop is also unsurpassed for soiling purposes. Write for price.

**RAPE, Dwarf Essex.** Most valuable forage plant for lambs, pigs, etc. Ready for use in 6 weeks. Lb. 20c., 10 lbs. \$1.50

**RYE, Winter.** Market price.

**Spring.** Write for price.

**SORGHUM, Early Amber.** Market price.

**KAFFIR CORN, White.** Lb. 15c., 10 lbs. \$1.00.

**COWPEAS, Whippoorwill.** Write for price.

**SPELTZ, or EMMER.** A grain introduced from Russia, adapted to poor and dry soils. Has valuable feeding qualities. Lb. 15c., 10 lbs. \$1.00.

**VETCHES, Sand, Winter or Hairy.** Best fodder crop on poor soil. On good soil makes a growth of 4 to 5 feet. Remains green all winter. Suitable for spring and fall sowing. Write for price.

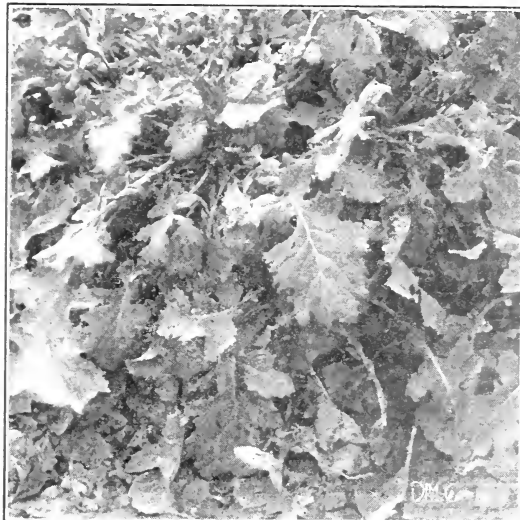
**Spring (Vicia sativa).** Grown for the same purpose as Winter Vetches; sow in the early spring. Write for price.

**WHEAT, Winter.** Hardy varieties for fall sowing. Ask for price.

**WHEAT, Blue Stem, Spring.** A popular spring sort with large well-filled heads; heavy and prolific. Write for price.

### Cahoon Seeder

This is a standard sower which gives good satisfaction, having been on the market for many years. Price \$3.50 by freight or express, at buyer's expense.



Dwarf Essex Rape



## HIGH-GRADE GRASS AND CLOVER SEEDS

ABOUT PRICES, it is impossible to quote firm prices at the time our Catalogue is printed, owing to the fact that the market fluctuates so much. We will always be pleased however, to quote by letter if you will drop us a line when you are ready to buy. We handle only the highest grades.

### CLOVERS—Highest Grades Only

Prices Vary. Special Quotations on Application.

**Alfalfa, or Lucerne** (*Medicago sativa*). Perfect, plump grains, free from weeds, and of strong vitality. No crop is so valuable for permanent meadow as Alfalfa. In ordinary seasons three crops of hay are cut in the North generally, while many seasons produce four cuttings. It stands the dry, hot months of July and August in the corn belt and continues green and growing at this time when other grasses are dormant. It is grown everywhere in the United States now, and it is a question of soil rather than climate which determines success or failure with Alfalfa. We procure our American Alfalfa seed from the states of Kansas, Nebraska and South Dakota so that they are suitable for any section of the country. Actual tests of seed from all over the United States show that the stocks produced in the semi-arid districts of the states named give the best results and are harder than stocks grown farther south or by irrigation in the West. Sow 20 lbs. per acre.

**Alsike** (*Trifolium hybridum*). Unequalled for hay and we cannot too strongly recommend it to our customers. It is hardy even in northern Minnesota, and is the only variety which will produce a good crop and not kill out in low, wet land. The hay is finer and better than any other, therefore of special value for sowing with timothy. Sow 15 lbs. per acre.

**Bokhara** (*Melilotus alba*). *White Blossom Sweet Clover*. Very valuable for soiling. Splendid inoculator for alfalfa. Grows to a height of 3½ to 5 feet. Grown on rich soil, it can be cut as much as three times a season. Good for ensilage and bees. Will last two years if cut before it blooms. Sow 10 to 15 lbs. per acre.

**Crimson, or Scarlet Clover** (*Trifolium incarnatum*). An annual variety producing large crops of green forage. Sow 20 lbs. per acre.

**Mammoth Red, or Pea Vine**. Grows much taller than Medium Red Clover. Sow 12 lbs. per acre.

**Medium Red** (*Trifolium pratense*). Largely grown throughout the country. Sow 12 lbs. per acre.

**White Clover** (*Trifolium repens*). The best variety for lawns. Sow 6 to 8 lbs. per acre. Lb. 75c.

### GRASS SEED

#### Mixtures for Permanent Pastures

In preparing this mixture of natural grasses and clover we have selected those most suitable for really permanent pasture and the varieties and qualities used are regulated according to the nature and condition of the soil. Please state whether soil is light, medium or heavy. Two to three bushels are required per acre. Per bu. of 20 lbs. \$4.00.

### GRASSES

Special Prices on Application

**Awnless Brome** (*Bromus inermis*). Will stand long droughts and produce heavy crops. Sow 35 lbs. per acre.

**Crested Dogtail** (*Cynosurus cristatus*). An excellent Grass for hard, dry soils, valuable for pasture and lawns. Sow 25 lbs. per acre.

**Red Top** (*Agrostes vulgaris*). Suitable for meadow, lawn or pasture. Sow 20 lbs. per acre.

**Hungarian Grass** (*Panicum Germanicum*). This is a species of Millet, often yielding two or three tons of hay per acre. Sow 40 lbs. per acre.

**Kentucky Blue Grass** (*Poa pratensis*). Extensively grown in all parts of the country. Sow 2 to 3 bu. per acre.

**Meadow Fescue** (*Festuca pratensis*). A value Grass for permanent pastures. Sow 35 lbs. per acre.

**Orchard Grass** (*Dactylis glomerata*). A valuable pasture Grass, adapted for growing in shady, moist places. Sow 20 lbs. per acre.

**Canadian Blue Grass** (*Poa Compressa*). Thrives well on clay, grows a foot or more in height and yields a great weight of hay. Sow 30 lbs. per acre.

**Creeping Bent** (*Agrostis stolonifera*). Succeeds well in moist situations.

**Timothy, or Herd Grass** (*Phleum pratense*). A variety producing a profitable hay crop in almost any soil. Sow 20 lbs. per acre. Write for sample and prices.

**Wood Meadow Grass** (*Poa nemoralis*). A very productive Grass, adapted for lawns or pastures. Thrives well under trees. Very scarce.

**Perennial Rye** (*Lolium perenne*). Affords pasture very early in the spring. Sow early in the spring at the rate of 1 to 1½ bushels to the acre.

**Rhode Island Bent** (*Agrostis canina*). A very fine variety for lawn or pasture.

**Sudan**. A new forage plant, related to the sorghums and is valuable both for hay and silo. Grows from six to ten feet high, makes small leafy stems and is greatly relished by stock. Sow seed when ground has become warm, using 4 to 6 lbs. per acre, in drills 18 to 24 inches apart, and cultivate like corn.

**Red Fescue**. For meadows or pastures on dry, hard or sandy soils. It is very hardy, a true perennial, growing from 1 to 2½ feet high.

**Hard Fescue** (Bu. 14 lbs.). Emphatically a grass for dry lands, doing well on sandy and shallow silicious soils. Extremely hardy and withstands extremes of heat, cold and drouth.

### LAWN GRASS SEED

If you desire a perfect lawn, use our High Grade Lawn Seed. For shady places, sow our Shady Spot Lawn Seed. Both kinds, if sown early in the spring, will produce a good lawn by midsummer. See outside back cover for seed and for directions how to make a lawn.



GENERAL LIST OF FLOWER SEEDS

Many Flower Seed Lists are very confusing to both amateurs and florists. Hence we have only offered those which our long experience has taught us are more desirable. In doing this we think we have rendered a real service which will save our friends much worry and waste of space, and give best results.

ABUTILON · Flowering Maple

Perennial shrub of strong growth and easy culture. Pkt.  
Finest Mixed Colors. Excellent for flowering indoors..... \$0.10

ACONITUM

Monk's Hood, Helmet Flower or Wolfsbane

Napellus. A hardy perennial, growing in any good garden soil, producing long spikes of curiously-shaped blue and white flowers. Well adapted for planting among shrubbery or in shady corners of the garden; 3 to 5 feet..... ¼ oz. 40c. .10

AGERATUM · Floss Flower

Suitable for borders, pots, boxes, etc. Annual.  
Little Blue Star. Very fine, free bloomer..... .10  
Blue Perfection. Dwarf; large, deep blue flowers; fine foliage; fine for edging flower-beds or walks..... ¼ oz. 30c. .10  
Mexicana Blue. A standard sort..... Oz. 30c. .10  
Snow White. Very beautiful..... .05  
Dwarf White. Compact grower, free flowering..... .05  
Little Dorrit. Blue; only 6 inches high..... .05

AGROSTEMMA

Cæli-rosa fimbriata (Rose of Heaven). Very free-flowering from July to September; nice for cutting; rose-colored..... ¼ oz. 10c. .05  
Carnaria (Rose Campion). Glowing crimson flowers; silvery white foliage..... ¼ oz. 15c. .05

ALYSSUM · Annual

Grows anywhere. For beds, borders, etc. Pkt.  
Maritimum. The common Sweet Alyssum.... Oz. 25c. \$0.05  
Little Gem. Grows compact; pure white. 4 in. Oz. 50c. .05  
Saxatile Compactum (Basket of Gold). Showy bright yellow flowers; hardy perennial; blooms the first season if sown early indoors; excellent for rockwork; 1 ft. ¼ oz. 20c. .10

AMARANTHUS · Annual

Sow early. Very ornamental foliage plants.  
Caudatus. (Love Lies Bleeding). Crimson..... .05  
Henderi. Splendid sort..... .05  
Cruentus. (Prince's Feather)..... .05  
Finest Mixed..... .05



Ageratum, Blue Perfection

AMPELOPSIS

Veitchii (Boston Ivy). A very elegant hardy vine, attaching itself to stone, brick or woodwork. The beautiful foliage acquires rich autumn tints..... Pkt. Oz. 40c. \$0.05

ANEMONE · Windflower

Lovely flowers in many shades of scarlet, blue, purple and white; flowers 2 inches and over in diameter, durable, elegant for cutting. Pkt.  
Double Chrysanthemum-flowered. Beautiful flowers in fine mixture..... ¼ oz. 30c. \$0.10  
St. Brigid. Produces double and semi-double flowers in a wonderful array of colors..... ¼ oz. 30c. .15

AQUILEGIA · Columbine

Long Spurred Hybrids. This strain comprises many new beautiful and pleasing shades and combinations. Plants are vigorous and stately in growth, producing abundantly large and elegantly shaped flowers with long spurs, borne well above the pale green foliage..... ½ oz. 25c. .10  
Cærulea (Rocky Mountain Columbine). Flowers large, petals white, sepals deep blue, spurs very long; one of the most beautiful..... ½ oz. 25c. .10  
Vulgaris fl. pl. Double varieties mixed. These will give an abundant supply of odd and exceedingly pretty flowers. ¼ oz. 25c. .05

ARABIS · Rock Cress

Alpina. A hardy perennial. Unequalled for rockeries or edging; withstands the drought, and is always neat; 6 inches high..... ½ oz. 25c. .10

ASPARAGUS

Very graceful plants extensively grown for cutting, the foliage being used in all designs, bouquets, etc. Pkt.  
Plumosus nanus. Beautiful fern-like sprays of foliage. 50 seeds 55c, 100 seeds, \$1.00. \$0.10  
Sprengeri. Makes a beautiful basket and useful for cutting. 50 seeds 30c., 100 seeds 50c. .10  
Hatcheri. Of the Plumosus type. Growth strong and symmetrical; fronds closely set on the stalk..... .15

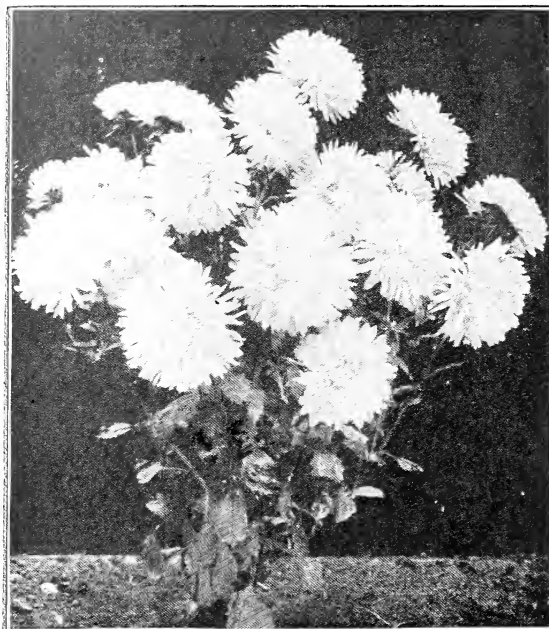
ANTIRRHINUM · Snapdragon

Fine for bouquets. Showy bedding plants.  
Giant White. Large flowering..... .10  
Giant Scarlet. Large flowering..... .10  
Giant Yellow. Large flowering..... .10  
Giant Mixed. Large flowering..... .10  
White. Large flowering..... .10  
Crimson. Large flowering..... .10  
Yellow. Large flowering..... .10  
Half Dwarf. Mixed. Constant bloomers for borders..... .25



Snapdragon

# JOHNSON'S SELECTED ASTERS



Semple's Branching Aster

## Ostrich Plume

Splendid class; excellent for cutting.

White, Dark Blue, Rose.....	Pkt.
.....	$\frac{1}{8}$ oz. 35c. .10
Mixed.....	$\frac{1}{8}$ oz. 30c. .10

## Giant Victoria

One of the handsomest varieties. Very large, beautiful flowers. Pkt.

White, Scarlet, Light Blue, Rose.....	$\frac{1}{8}$ oz. 35c. .10
Peach Blossom.....	$\frac{1}{8}$ oz. 40c. .10
Mixed.....	$\frac{1}{8}$ oz. 35c. .10

## "Peerless Pink" Aster

This is conceded to be the finest pink late branching Aster ever offered. The plants are of robust, free-branching habit, and it is hard to find a flower under four inches across and many measure five inches by two and a half in depth, forming an almost globular flower. The color is a rich shell pink and comes into bloom about the middle of August, being at its best during the early part of September. Pkt. 15c.

## King Asters

Of the late branching type. Bloom round, full and very large, and of a soft violet shade; stems long and stiff. August and September. 2 to 2½ ft. Pkt.

Lavender King. Soft lavender blue.....	\$0.15
Pink King. An attractive delicate shell pink...	.15
Rose King. A beautiful brilliant rose variety....	.15
Violet King. A pleasing soft shade of violet.....	.15
White King. Pure white.	.15

We make a great specialty of this popular flower, securing our stocks of the most skillful growers only and we confidently recommend them. Aster Plants ready in June.

## Semple's Branching Aster

This is a grand new strain of American Asters. They are especially valuable for cut flowers, because of their handsome double flowers and long stems. They bloom two to three weeks later than most sorts. We offer them in five separate colors, Pure White, Crimson, Lavender, Shell Pink, Bright Pink, and Dark Purple. Price, any color..... $\frac{1}{8}$  oz. 60c. \$0.10  
Choicest Mixed..... $\frac{1}{8}$  oz. 30c.,  $\frac{1}{4}$  oz. 50c. .10

## Royal Aster

A new class of American Aster. Its habit of growth is entirely distinct, the stems growing directly from the ground and not on side-shoots from the main stem like other varieties. A medium early bloomer. We offer the flowering colors: White, Shell Pink, Rose Pink, Lavender, Purple. Any color..... $\frac{1}{8}$  oz. 35c.,  $\frac{1}{4}$  oz. 65c. .10  
Mixed..... $\frac{1}{8}$  oz. 35c.,  $\frac{1}{4}$  oz. 65c. .10

## Queen of the Market

This is a superb variety of graceful, spreading habit. Truly a queen among Asters. It grows about twenty inches high. This variety is about two weeks earlier than most other sorts. The flowers are quite large, very double, and are valuable for cut flower purpose. The following are the most distinct colors: Pure White, Blush Pink, Bright Pink, Dark Blue, Light Blue and Scarlet. Price, any color..... $\frac{1}{8}$  oz. 35c. .10  
Mixed Colors, embracing all colors of this class. Price,  $\frac{1}{8}$  oz. 30c.,  $\frac{1}{4}$  oz. 50c. .10

## Astermum

A fine new variety, with flowers much resembling a chrysanthemum. Flowers very large; Pink, Lavender and White.....Each, .15

## Crego's Giant Comet

Flowers of immense size, often 6 inches across; especially valuable for cutting. Pkt.  
White, Blue, Light Blue, Rose, Pkt. \$0.10  
Crimson. Any color.  $\frac{1}{8}$  oz. 40c. \$0.10  
Mixed..... $\frac{1}{8}$  oz. 35c. .10

## Crimson Giant Aster

Of upright growth, with extra large densely double flowers, few under 5 inches across, on stems 15 to 18 inches long, in color a very rich blood crimson, full of fire, making a brilliant bed or border. Pkt. 15c.

## Lady Roosevelt

This Aster will give results under the most trying conditions. A very tall grower. It bears its solid, heavy flowers on stems often reaching 42 inches under ordinary cultivation. Color a bright rose-pink, making a beautiful combination when cut with Non-Lateral White. It is a splendid keeping and shipping sort and is not at all subject to disease. Pkt. 15c.

## Daybreak

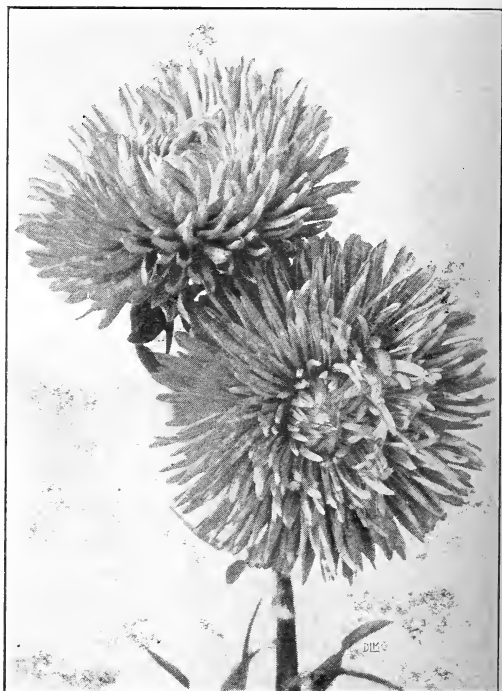
Branching Aster, grows about 2 feet high, with large double flowers. Fine for cutting purposes. Pkt.  
Pink and Lavender, Pkt. \$0.10.  
Either color.. $\frac{1}{8}$  oz. 50c. \$0.10.

## Lavender Gem Aster

One of the most beautiful Asters. It is of true Comet type, with large, artistic, loosely-arranged flowers on long, wiry stems and of the most charming shade of lavender imaginable. Begins blooming in July, continuing through August; a lovely variety for cutting. Pkt. 15c.

## Mikado Asters

Similar to the Crego's Giant but dwarfer in growth, and comes into bloom fully two weeks earlier. Height about 18 inches, of branching habit, and the flowers, borne on long, strong stems, are of colossal size, 5 and 6 inches across being the rule. We offer two colors, viz: Pkt.  
Mikado Pink, or Rochester.....\$0.15  
Mikado White. Of purest glistening white......15



King Asters



BALSAM • Lady Slipper

Gives brilliant masses of beautiful flowers for little care. Plants about 2 feet in height; transplanting dwarfs them and renders the flowers more double.

**Double White Perfection.** Pure white; large and full to the center..... ½ oz. 20c. \$0.10  
**Camellia-flowered.** Very large, double, perfect flowers, camellia-like in form. In many colors, mixed.. ½ oz. 35c., oz. 60c. .05

BEGONIA Ever Blooming Bedding Varieties

The following are varieties of *Begonia Semperflorens*, and take rank as bedding plants with *Geraniums* and *Coleus*, doing equally well in full sunlight, and surpassing both in positions partially or wholly in shade. They are of sturdy growth, growing about 1 foot high and forming dense bushes, which, from May until frost, are completely hidden with flowers. As pot plants for winter flowering they are superb, remaining a sheet of bloom throughout the entire year. Easily raised from seed, which should be started either indoors or in a hotbed.

**Erfordia.** Bright, rosy-carmine..... Pkt. \$0.25  
**Prima Donna.** Limpid rose, shading to carmine at the centre; ever-blooming..... .25  
**Gracilis.** Handsome flowers of a delicate rose color..... .15  
**Luminosa.** Brilliant fiery dark scarlet; very bright..... .25  
**Salmon Queen.** The highest colored of all, being a brilliant salmon-rose, beautiful either as a potplant or for bedding..... .25  
**Vernon.** Bright orange-carmine flowers; deep red foliage..... .10  
**Semperflorens, Single Mixed.** This mixture contains all the colors from pure white to deepest crimson; splendid..... .10

BALLOON VINE

**Balloon Vine.** A very pretty climber..... Oz. 20c. \$0.05

BELLIS PERENNIS • Double Daisy

Our strain of this flower is extra fine.  
**Mammoth Mixed**..... ¼ oz. 60c. \$0.10  
**Mammoth.** Double, pink..... ¼ oz. \$1.25, oz. \$4.50 .10  
**Mammoth.** Double white..... ¼ oz. \$1.25, oz. \$4.50 .10  
**Shasta Daisy.** See Daisy.

BROWALLIA

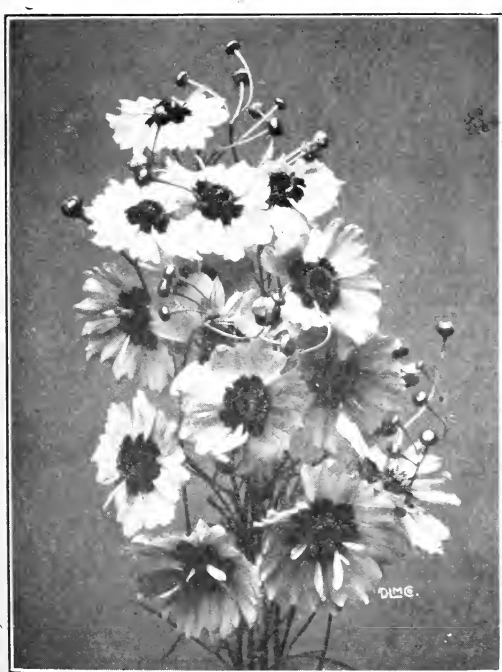
**Speciosa Major.** Deep blue, white center. Fine for bedding, vases or potting..... \$0.10  
**Elate.** Best mixed..... .10

BETA • Ornamental-Leaved Beet

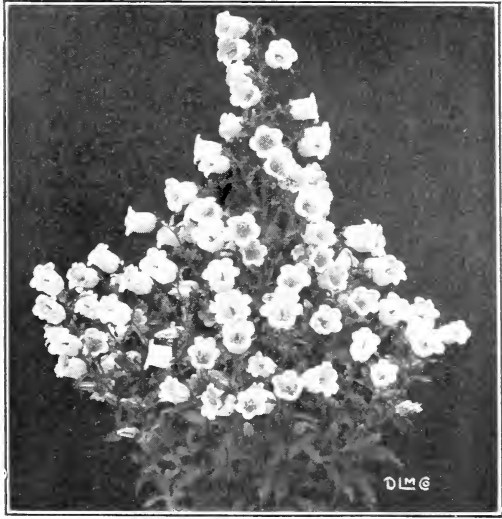
**Brazilian Golden, Crimson, and Mixed.** Fine border plants; very showy; entire leaf-stalk and midrib intensely colored; very attractive. 2 ft..... Oz. 25c. \$0.10

CARNATIONS

**Marguerite.** Dwarf mixed, finest quality..... Oz. 90c. .05  
**Double Perpetual (Chabaud).** Blooms in 6 months from sowing. Great variety for color, gorgeous flowers. oz \$2.00 .10



Calliopsis



Canterbury Bells

CAMPANULA • Bellflower

A family containing beautiful border-plants, several varieties beautiful as pot-plants. Mainly hardy biennials and perennials.  
**Calycanthemum** (Cup and saucer). Delightful in form and colors, and elegant subjects for the garden or for pot culture. 2 to 2½ feet. Blue, Rose, Striped and White..... ¼ oz. 75c. \$0.15  
Mixed..... ¼ oz. 65c. .10  
**Medium (Canterbury Bell).** Large, bell-shaped flowers in many shades. Elegant border or pot-plants. A proportion of seedlings will vary from color, while some single flowers will be found among the double-flowered seedlings. 2 to 2½ feet. Single Blue, Rose and White. Each..... .10  
Mixed..... ¼ oz. 25c. .05  
Double Mixed..... ¼ oz. 40c. .10  
**Carpatica (Harebell).** Dwarf plants with cup-shaped flowers, suitable for borders, edging, etc. 1 foot. White, Blue and Violet mixed..... ¼ oz. 30c. .05

CALENDULA • Pot Marigold

Fine, showy, free-flowering hardy annual. For beds, borders or pot culture in house. Pkt.  
**Meteor.** Large double yellow, each petal striped with orange..... Oz. 25c. \$0.05  
**Prince of Orange.** Like Meteor, but darker..... Oz. 25c. .05  
**Orange King.** Very large double flowers of a dark orange-red..... Oz. 25c. .05  
**Pure Gold.** A grand variety, with double extra large flowers of a pure golden-yellow..... Oz. 30c. .05  
**Double Sulphur.** Very large and extremely double flowers of a pleasing sulphur-yellow color..... Oz. 25c. .05

CANDYTUFT

**Crimson.** Rich deep shade..... Oz. 35c. \$0.05  
**Empress.** The finest of all the white varieties; a complete mass of pure white flowers, in a pyramid of bloom..... Oz. 50c. .05  
**White Fragrant.** Flowers small, sweetly scented..... Oz. 25c. .05  
**White Rocket.** Good spikes of pure white..... Oz. 25c. .05  
**Mixed Colors.**..... Oz. 25c. .05  
**Tom Thumb, White.** 6 inches..... ¼ oz. 15c. .05  
**Hardy Candytuft.** A beautiful perennial of trailing habit covered with white flowers in spring..... .10

CANNA

**Dwarf French Mixed.** Dark leaved sorts..... Oz. 20c. .05  
(For Roots see Plant pages.)

CALCEOLARIA

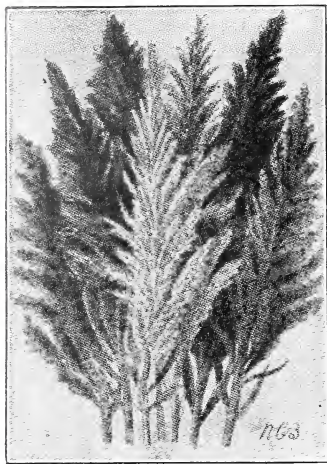
Tender perennial. Sow in August or September.  
**Giant Superb Mixed**..... .25

CALLIOPSIS

Free-flowering annual, of the easiest culture. Excellent for cutting and massing.  
**Golden Wave (Drummondii).** Rich golden-yellow with small chestnut-brown centre; very free; 12 in ½ oz. 15c., oz. 25c. \$0.05

COREOPSIS

**Lanceolata Grandiflora.** This is one of the finest of hardy plants, with large, showy bright yellow flowers produced in the greatest abundance from June till frost. As a cut flower they stand near the head among hardy plants. ½ oz. 35c. \$0.05



Celosia Plumosa

## COSMOS

Mexican plants with handsome, cut foliage and graceful, long-stemmed, showy flowers. The Mammoth varieties should be sown early and the growth pinched when well established. This induces early-flowering and provides a larger number of blooms.

- Crimson Ray.** Distinct new type; grows 4 to 5 feet high. [ Pkt.  
Very profuse in bloom; flowers many-petaled and petals  
narrow and fluted, separated in star-like form; most  
brilliant crimson ..... \$0.15
- Early Flowering.** Strain of great beauty, flowering from  
July till frost. **White, Pink, Crimson, Dawn** (white,  
tinted rose) and **Mixed.** Each ..... ¼ oz. 20c. .10
- Lady Lenox.** Flowers 5 to 6 inches in diameter. Beauti-  
ful **Shell-Pink and White.** Elegant for cutting. 6 feet  
Each ..... ¼ oz. 20c. .10
- Mammoth Perfection.** A magnificent selection, bear-  
ing flowers of mammoth size and perfect form, and rep-  
resenting the highest development in Cosmos to date.  
**White, Pink, Red and Mixed.** Each ..... ¼ oz. 20c. .05

## CENTAUREA

Well adapted for borders and bedding. Beautiful foliage and flowers freely. Pkt.

- Cyanus (Emperor William).** Blue ..... Oz. 30c. \$0.05
- Cyanus Mixed.** Annual ..... Oz. 25c. .05
- Gymnocarpa (Dusty Miller).** Silver leaved ..... ½ oz. 35c. .10
- Candidissima.** Whiter leaves than Gymnocarpa ..... .15
- Imperialis (Sweet Sultan).** Finest mixed ..... ¼ oz. 20c. .05

## CHRYSANTHEMUM

Easily grown. Free flowering and very showy.

- Single Mixed.** Annual. Large range of colors ..... Oz. 30c. .05
- Double Mixed Coronarium.** Annual. Many colors. Pkt. Oz. 30c. .05
- Hardy Pompon.** Perennial. Splendid strain of the old  
hardy fall flowering sort with double blossom ..... .10

## COBEA • Annual

A magnificent rapid growing climber for covering trellises, arbors, trunks of trees, etc. Pkt.

- Scandens.** Large, bell-shaped purple flowers ..... ¼ oz. 25c. \$0.10
- Scandens Alba.** Pure white ..... .10

## COLEUS • Annual

**Choice Hybrids.** Our strain of hybrid varieties produces the finest colored, most attractive and novel foliage plants for house or garden culture. Easily raised. Sow indoors in March or April ..... .25

## CUCUMBER, WILD

A very quick grower for covering old trees, etc.

- Echinocystis Lobata.** ..... Oz. 30c. .05

## CYCLAMEN

For winter and spring blooming. Very handsome flowers and beautiful foliage. Pkt.

- Persicum.** Mixed ..... Per 100 seeds 60c. \$0.15
- Finest Giant.** Mixed ..... Per 100 seeds \$1.00 .25

## CELOSIA CRISTATA • Cockscomb

Free-blooming annuals, growing best in rather light soil, not too rich; make grand border plants and are attractive for pots. Seed can be sown under cover in early spring and planted out in May, or may be sown out of doors in May.

- Empress.** Rich crimson; combs of colossal proportions. .... Pkt. \$0.10
- Clasgow Prize.** Immense, showy dark crimson combs. .... .10
- Queen of the Dwarfs.** This we consider the finest of the dwarf-growing Cocks-  
combs. The plants grow only 8 inches high, with beautiful dark rose-colored  
combs. .... .10
- Dwarf, Mixed.** Fine dwarf varieties ..... ¼ oz. 30c. .05

## CELOSIA PLUMOSA • Feathered Cockscomb

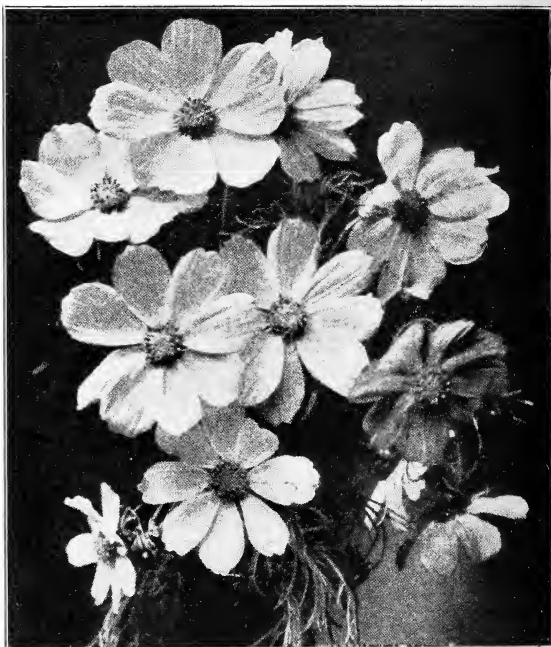
Make fine plants for large beds or groups, and the plumes or flowers can be cut and dried for winter bouquets. Should be treated exactly the same as Cockscombs described above.

- Thompson's Superb (Triomphe de l'Exposition).** Of pyramidal growth, attaining a  
height of 3 feet, and producing graceful, feathery plumes of the most brilliant  
crimson. .... ¼ oz. 30c. \$0.10
- Thompsoni Magnifica.** Similar to the preceding, but ranging in color from the  
clearest yellow to the darkest blood-red ..... ¼ oz. 30c. .10
- Golden Plume.** Bright golden-yellow plumes ..... ¼ oz. 30c. .10
- Plumosa, Mixed.** Feathered varieties in all colors ..... ¼ oz. 25c. .10

## CINERARIA

Shows a wide range of colors. A favorite green house plant. Our seed is superb. Pkt.

- Hybrida Grandiflora.** Seed saved only from the choicest specimens ..... \$0.30
- Half Dwarf Prize Mixed.** Dwarf foliage; large flowers ..... .30
- Stellata (Star Cineraria).** A charming sort for house decoration ..... .30



Early Flowering Cosmos

## CYPRESS VINE

■ A popular climber noted for dainty fern-like foliage and star shaped flowers. Pkt.

- Finest Mixed.** ..... Oz. 25c. \$0.05

## DAHLIA

A half hardy perennial, flowering the first year, blooming as early and as freely as if grown from tubers. Pkt.

- Finest Double Mixed.** From choicest flowers ..... ½ oz. 25c. \$0.10
- Finest Single Mixed.** Best varieties only ..... ¼ oz. 25c. .05

## DAISY, PERENNIAL

**Shasta.** One of the Burbank's productions which has become very popular. Many types are found in our stock, all very desirable. ..... ¼ oz. 50c. .10

See also *Bellis Perennis*.

## DRACAENA

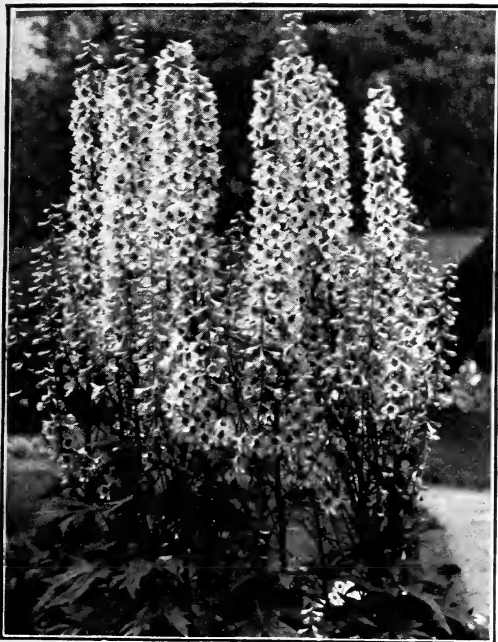
**Indivisa.** Beautiful ornamental leaved plants. Long narrow green foliage. Fine for vases, etc. .... ¼ oz. 25c. .10

## DIGITALIS • Foxglove

Of easy culture. Give slight shade and good soil.  
**Gloxiniæflora White.** Pure white flowers with dark green foliage make a fine show ..... ¼ oz. 25c. .05

**Choicest Mixed.** All colors and Gloxinia-like flowers. .... ¼ oz. 25c. .05





## DELPHINIUM · Larkspur

### HARDY VARIETIES

- Gold Medal Hybrids.** This is a mixture of twelve of Blackmore & Langdon's finest varieties grown separately and seed mixed after harvest. The plants are of strong, vigorous habit, with immense spikes from 2 to 3 feet long.....  $\frac{1}{4}$  oz. 50c. Pkt. \$0.10
- Belladonna** (Everblooming Hardy Larkspur). This is the freest and most continuous blooming Hardy Larkspur from June until frost. Clear turquoise-blue; unequalled for the hardy border.....  $\frac{1}{8}$  oz. 50c. .10
- Chinese** (Blue Butterfly). A distinct and neat variety, growing about 18 inches high, with fine feathery foliage, and producing freely spikes of large blossoms of intense gentian-blue.....  $\frac{1}{4}$  oz. 20c. .10
- Album.** The white-flowered form of the preceding.  $\frac{1}{4}$  oz. 20c. .10
- Elatum** (Bee Larkspur). Rich blue of various shades with black centres; grows 3 to 5 feet high, according to soil and location.....  $\frac{1}{4}$  oz. 25c. Pkt. \$0.10
- Formosum.** Beautiful spikes of rich blue flowers, with a white centre; 2½ feet.....  $\frac{1}{4}$  oz. 25c. .20
- Cashmerianum.** A beautiful dark blue, blossoms in corymbs of 6 or more; 15 inches..... Oz. 25c. .15
- Grandiflorum Fl. Pl.** Finest double mixed in great variety of charming colors.....  $\frac{1}{4}$  oz. 50c.

### ANNUAL VARIETIES

- Dwarf Double Rocket.** Fine for bedding. 1 foot Finest Mixed..... Oz. 25c. .05
- Double Stock Flowered.** These are among the first to flower. Very choice strain, tints of Blue, Lilac, Violet, Rose, White and Mixed. Fine for bedding. 1 foot..... Oz. 25c. .05

## EVERLASTINGS

For convenience, we have grouped here plants prized for their "everlasting" or straw flowers. They are also valuable as border plants.

- Acroclinium Album fl. pl.** Graceful; double, rose flowers; 1 ft..... Pkt. \$0.05
- Ammobium alatum grandiflorum.** Clusters of pure white flowers. 2 ft..... .05
- Gomphrea globosa, Mixed.** Flesh, rose, purple and white. Known as Globe Amaranth. Very neat for pots. 1½ ft..... Pkt. \$0.05
- Helichrysum monstrosum.** Double. Splendid Mixed. About six colors. 1½ ft..... .05
- Rhodanthe Manglesi.** Bright rose; charming and particularly neat in pots in the spring. Three plants should be potted together as foliage is small. 1 ft..... .05
- Xeranthemum annuum.** Very nice for summer cutting or for winter bouquets. Double; White, Rose and Purple. Mixed..... .05

## DIANTHUS · Divine Flower

The rich coloring, with the varied forms and fringing of petals common to many varieties, render them very attractive. They are all useful for bedding and all serviceable for cutting. The Annual Pinks may be sown in autumn or spring. An adornment to every garden.

### Double Annual Pinks

- China or Indian Pinks** (*Dianthus Sinensis*). Flowering from early summer to fall; strong, sturdy growers, suitable for beds and borders. Flowers very double and in unlimited variety of colors borne on long, stiff stems. Finest Mixed.....  $\frac{1}{4}$  oz. 25c. Pkt. \$0.05
- Japanese Pinks** (*D. Heddeewigi* and varieties). A beautiful class of sturdy-growing plants, 10 to 12 inches high and of the same width; handsomely marbled and mottled flowers in all imaginable colors, 2 inches and over in diameter. Finest mixed.....  $\frac{1}{4}$  oz. 25c. .05
- Diadem Pinks** (*D. Heddeewigi diadematus*). Very large, showy flowers, beautifully marked and flaked. Splendid mixed.....  $\frac{1}{4}$  oz. 35c. .05
- Royal Pink** (*D. Heddeewigi nobilis*). A beautiful class for cutting; flowers large and exceedingly fragrant, very double and on long stems; colors range from white to rose, and scarlet to blood-red.....  $\frac{1}{4}$  oz. 50c. .10
- Imperial Pink** (*D. imperialis fl. pl.*). These have a wide range of showy colors, and are profuse bloomers. Fine for beds. Superb mixture.....  $\frac{1}{4}$  oz. 30c. .05

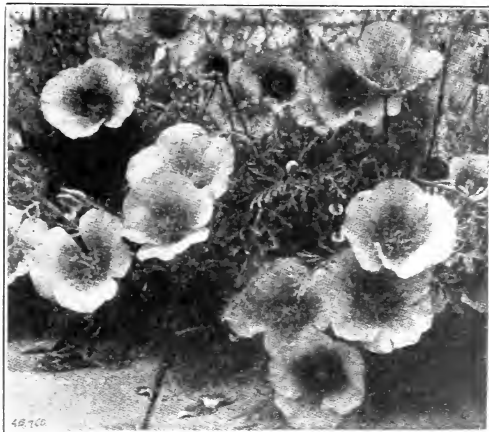
### Single Annual Pinks

- Japanese, Crimson Belle.** Large, handsome, dark red flowers.....  $\frac{1}{4}$  oz. 25c. .05
- Japanese, Eastern Queen.** Flowers marbled rose and white.....  $\frac{1}{4}$  oz. 25c. .05
- Royal Pink.** Large flowers; petals fringed and crimped. Blood-red to rose, carmine-pink, and occasionally white in color. Finest mixed.....  $\frac{1}{4}$  oz. 40c. .10

### Hardy Garden Pinks

Very desirable for beds, borders, cemetery planting, etc. The flowers are highly prized for their spicy, refreshing odor.

- Double Mixed Clove Pink.** A beautiful class; very double, sweet and nice for cutting..... Pkt. \$0.15
- Double and Semi-double Grass Pink.** (*D. plumarius fl. pl.*). Double and semi-double flowers in variety.....  $\frac{1}{4}$  oz. 50c. .10
- Perpetual Pink** (*D. plumarius semperflorens*). These are ever-blooming garden Pinks in many colors; single, semi-double and double-flowered, and of spicy fragrance.....  $\frac{1}{4}$  oz. 50c. .10
- Single, Finest Mixed** (Pheasant's Eye; *D. plumarius*). Many-colored, fragrant flowers, nicely fringed.  $\frac{1}{4}$  oz. 15c. .05



Eschscholtzia (California Poppy)

## Eschscholtzia

### California State Flower; California Poppy

Very brilliant flowers, produced in great numbers. They may be sown in spring, although fall sowing will give better results; 1 ft.

- Golden West.** Very large, lovely yellow flowers, with orange blotch at the base of petals..... Oz. 50c. Pkt. \$0.05
- Californica.** Bright yellow..... Oz. 30c. .05
- Single Flowered Mixed.** Extra fine..... Oz. 25c. .05
- Double-flowered, Mixed.** Very good semi-double flowers. Nice for bedding or for massing.....  $\frac{1}{4}$  oz. 25c. .05

**EUPHORBIA · Snow on the Mountain**

Showy border plant, easily grown. Beautiful foliage edged and veined with white. Annual. Pkt.  
*Variegata*. Finest stock.....Oz. 30c. .05

**FERN SPORES**

Fine Mixed Greenhouse Varieties.....25  
 ~ Easily grown from the seed and blooms the first season.  
 Suitable for the house or shaded situations in the garden.  
 Single and double. Mixed.....25

**FEVERFEW · Matricaria**

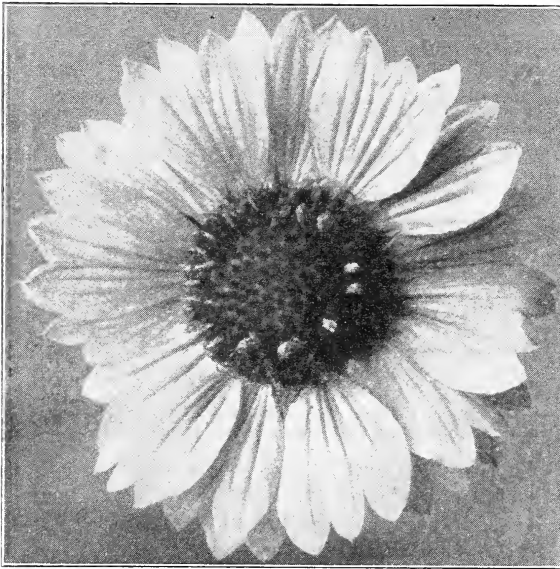
For beds and edges. Half hardy perennial.  
 Dwarf Double White. Very fine stock.....10

**FORGET-ME-NOT · Myosotis**

Forget-Me-Nots succeed best in moist places.  
*Palustris*. The true Forget-Me-Not. Perennial, but blooms first year..... $\frac{1}{4}$  oz. 40c. .10  
*Palustris Semperflorens*. Everblooming and dwarf.  
 $\frac{1}{4}$  oz. 40c. .10

**FOUR O'CLOCK · Mirabilis**

We make a specialty of this fine old garden favorite. Give good soil and sunny location. Pkt.  
 Fine Mixed Hybrids. A splendid mixture.....Oz. 20c. \$0.05

**GAILLARDIA · Blanket Flower**

Showy and handsome hardy perennials, for beds and borders. The flowers are a most peculiar combination of shades varying between gold and maroon. Sow in summer in drills, transplanting to permanent positions during autumn; also sow in early spring under glass, prick off into boxes and plant out in May.

Best Single Mixed..... $\frac{1}{4}$  oz. 15c. \$0.05  
*Amblyodon*. Rich blood-red; very effective.  $\frac{1}{4}$  oz. 15c. .05  
 Hardy Perennial. Single flowers with red centers and yellow tips. Very handsome..... $\frac{1}{4}$  oz. 30c. .10  
 Kelway's Hybrids. Entirely distinct. A grand new and improved strain. Flowers of enormous size, borne on stout stems. Choicest Mixed..... $\frac{1}{4}$  oz. 35c. .10

**GOURDS · Ornamental**

~ Besides the curious fruits, Gourds are desirable to cover walls, arbors, etc. Tender annual. Pkt.  
 Small Varieties, Mixed.....Oz. 15c. \$0.05

We can also supply any of the following:  
 Hercules Club; Dish Rag; Dipper; Nest Egg. .Oz. 15c. .05

**GOMPHRENA · Globe Amaranth**

See Everlastings

**GLOXINIA**

Hybrids. Choicest French stock. Magnificent house blooming plants.....25

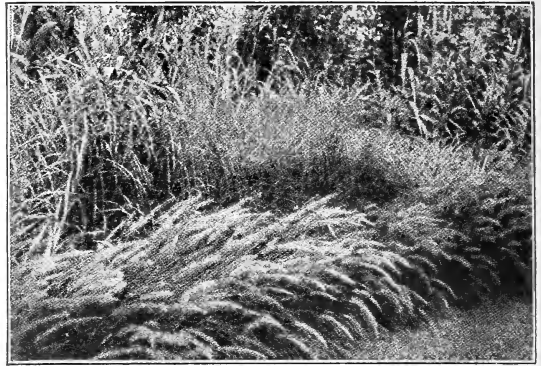
**GODETIA**

Succeeds best in poor soil. Very free blooming annuals.  
 Finest Mixed Tall.....Oz. 25c. .05

**GYPSOPHILIA · Baby's Breath**

Annuals and perennials that will flower the first season. All have graceful panicles of small flowers that are elegant for cut-flower purposes. Pkt.

*Paniculata fl. pl.* An extremely vigorous race, producing about 50 per cent. of perfectly double flowers, of beautiful pure white.....\$0.15  
*Elegans grandiflora alba*. Hardy Annual. An improved large flowered white form.....Oz. 30c. .05  
*Paniculata*. The perennial variety that is easily grown from seed, equally useful for cutting, and a fine border plant. Branches may be used for winter bouquets. 3 ft..... $\frac{1}{4}$  oz. 15c. .05

**ORNAMENTAL GRASSES**

Specimen plants, clumps or entire beds of harmonious varieties are especially interesting. They are always valuable for cutting, and may be preserved and used in combination with Everlasting Flowers for winter bouquets, decorations, etc.

**ANNUAL ORNAMENTAL GRASSES** Pkt.  
*Briza maxima*. The large Quaking Grass.  $1\frac{1}{2}$  ft.....\$0.05  
*Coix Lacryma-Jobi* (Job's Tears). The curious seeds are used as beads.  $1\frac{1}{2}$  ft.....Oz. 10c. .05  
*Eragrostis elegans* (Love Grass). Very beautiful. Nice for sweetpea bunching.  $1\frac{1}{2}$  ft......05  
*Pennisetum longistylum*. Graceful, greenish white plumes......05

**PERENNIAL ORNAMENTAL GRASSES**  
*Arundo Donax variegata* (The Variegated Giant Reed). Fine for groups. 12 ft......10  
*Gynerium argenteum* (Pampas Grass). Graceful for borders; beautiful silvery plumes. 8 to 10 ft......10  
*Stipa pennata* (Feather Grass). Silvery white, feathery plumes. 2 ft......05

**HELIOTROPE**

Delightfully fragrant. Fine for beds or pots. Pkt.  
 Finest Mixed. Half hardy perennial..... $\frac{1}{4}$  oz. 50c. \$0.10

**HOLLYHOCK**

We give particular attention to this most popular flower. Seed  
 sown in June or earlier will flower the following summer. Pkt.

**Hardy Perennial Hollyhocks**

*Allegheny Mammoth Fringed*. Very large, loosely formed flowers, finely fringed. Early-sown seed will flower the first season. 7 feet. Mixed.  $\frac{1}{4}$  oz. 30c. \$1.00 .10  
*Newport Pink*. Fine, pure pink, double variety, exquisite in shade; flowers very double..... $\frac{1}{4}$  oz. 30c. \$1.00 .10  
 Finest Double. Mixed. The seed offered under this head has been saved from the finest double flowers only; sure to produce satisfactory results.  $\frac{1}{4}$  oz. 30c. \$1.00 .10  
 Single Mixed..... $\frac{1}{4}$  oz. 25c. \$1.00 .10

**HIBISCUS · Marshmallow**

Showy ornamental perennial plants for mixed beds or shrubbery borders, having large-sized, beautifully colored flowers.

*Crimson Eye*. Flowers of the largest size, pure white, with a large spot of velvety-crimson in the center.....Pkt. \$0.10  
*Giant Yellow, or Golden Bowl*. Flowers from 6 to 9 ins. in diam; of a rich deep cream; velvety maroon center. .10  
*New Giant Mallow Marvels*. These are tall, shrub-like, hardy perennials, with woody stalks towering upward and outward in bouquet fashion to a height of 5 to 6 feet, with broad handsome leaves, and producing towards their terminals, enormous flowers often from 6 to 8 inches across and usually self-colored or with large dark centers. They bloom from July to October, succeeding best if planted in a rich, deep, moist soil, but will grow equally well in dry open situations. They are perfectly hardy all over the states and easily raised from seed..... $\frac{1}{4}$  oz. 25c. .10



**IPOMOEA • Moonflower**

**Mexicana grandiflora alba.** Very large, pure white Pkt. flowers, opening in the evening and on dark, cloudy days. Very rapid grower. Will reach out 30 to 40 feet. Soak seeds, or preferably cut a notch through the hard shell; will germinate in 12 to 15 days ..... Oz. 50c. \$0.10

**Cardinal Climber.** We consider this the most beautiful, and distinct annual climber introduced in many years. It is a strong and rapid grower, attaining a height of 30 feet or more, with beautiful, deeply laciniated foliage and literally covered with a blaze of circular fiery cardinal-red flowers from mid-July till frost. The flowers are about 1½ inches in diameter, and are borne in clusters of 5 to 7 blooms each. Our seed is direct from the original..... ¼ oz. \$1.00 .15

**HONESTY • Moonwort Satin Flower**

Hardy biennials, admired for its silvery seed pouches which are used for house ornaments, as they present a beautiful and rather curious appearance; 3 ft. .... ¼ oz. 15c. .05

**KOCHIA • Summer Cypress**

**Trichopylla** (Fine Summer Cypress). Grows in a compact bush about 3 feet high. Cannot be excelled for a temporary hedge or screen..... Oz. 25c. .05

**LINARIA • Kenilworth Ivy**

Trailing plant for baskets and boxes. **Cymbalaria.** Lavender and purple..... .10

**LOBELIA**

Tender perennials and flower first season. Adapted to edging, borders, baskets, etc. Pkt.

**Crystal Palace Compacta.** Fine for bedding..... ¼ oz. 40c. \$0.10

**Gracilis.** Light blue, trailing..... ½ oz. 40c. .10

**LANTANA**

**Finest French Mixed.** Desirable half hardy perennial... .10

**Larkspur.** See Delphinium.

**LATHYRUS**

**Hardy Sweet Peas.** Mixed ..... Oz. 40c. .10

**LINUM • Flax**

**Grandiflora rubrum and roseum.** Free-flowering and showy. The red and rose-colored forms of annual Flax. Successive sowing will produce a wonderful show throughout the season. 1 ft. .... Oz. 20c. .05

**MARIGOLD**

**AFRICAN. Tagetes Erecta**

**Eldorado.** Bright orange flowers, shaded primrose, 3 to 4 inches across. 2 ft. .... ¼ oz. 20c. .05

**Lemon Queen.** Very large, double canary-yellow flowers. Erect, branching habit. 2 ft. .... ¼ oz. 25c. .05

**Pride of the Garden.** Dwarf and bushy; double, large-sized flowers of various shades of yellow. .... ¼ oz. 20c. .10

**Tall Double Mixed.** ..... Oz. 75c. .05

**Dwarf Double Mixed.** ..... Oz. 75c. .05

**FRENCH. Tagetes Patula**

These are very bright and effective in ribbon lines or for edging beds of tall plants. Pkt.

**Legion of Honor.** Single; bright yellow with dark crimson spots or blotches; a good bedder. 9 in. .... ¼ oz. 20c. \$0.05

**Dwarf Double Mixed.** ..... Oz. 60c. .05

**Tall Double Mixed.** ..... Oz. 50c. .05

**MAURANDIA**

**Finest Mixed.** Most handsome climber..... .10

**MIGNONETTE • Reseda Odorata**

**Large Sweet Scented.** Most satisfactory for garden. Oz. 15c. .05

**Machet.** Dwarf, but very floriferous and fragrant. ¼ oz. 20c. .10

**Bismark.** Immense red flowers, distinct crinkly foliage and most delicious odor..... ¼ oz. 25c. .10

**Defiance.** Magnificent new sort. Immense spikes which keep until every bud is open..... ¼ oz. 20c. .10

**MIMOSA • Sensitive Plant**

**Pudica.** White with pink blush..... .05

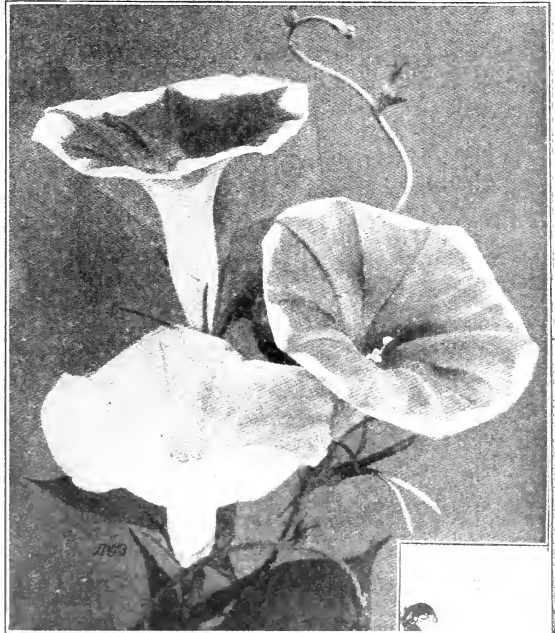
**MIMULUS • Musk Plant**

**Moschatus.** Small trailing, plant for baskets, etc. Yellow flowers and fragrant foliage..... .05

**Matricaria.** See Feverfew.

**Marvel of Peru.** See Four o'clock.

**Myosotis.** Forget-me-not.



Imperial Japanese Morning Glory

**MORNING GLORY • Convolvulus**

**Imperial Japanese.** They are beyond question the handsomest of all Morning Glories. Of the easiest culture; can be sown in the open ground in a warm and settled climate. The foliage is luxuriant, distinct and varied, green, silvery and yellow leaves; many are mottled light and dark green, white and gray. The giant flowers are beyond description; the self or solid colors range from snow-white to black-purple, an endless number having flowers spotted, marbled, striped, flaked, splashed, etc. See cut ..... Oz. 20c. \$0.05 Pkt.

**Brazilian (Setosa).** As a quick growing vine it has no equal. Flowers large and foliage pleasing. .... Oz. 30c. .10

**Heavenly Blue.** Immense flowers of bright sky blue. .... .10



Defiance Mignonette

**NASTURTIUMS • DWARF OR TOM THUMB**

No annual will produce such a lavish profusion of flowers for so long a time with the small outlay of time and labor. 1 foot high.	Pkt.
<b>Aurora.</b> Rosy apricot with crimson bluish. oz. 20c., $\frac{1}{4}$ lb. 60c.	\$0.05
<b>Brilliant Scarlet.</b> Unusually striking. oz. 20c., $\frac{1}{4}$ lb. 60c.	.05
<b>Beauty.</b> Flowers yellow and scarlet. oz. 20c., $\frac{1}{4}$ lb. 60c.	.05
<b>Chameleon.</b> Yellow blotched. oz. 20c., $\frac{1}{4}$ lb. 60c.	.05
<b>Cloth of Gold.</b> Yellow foliage, scarlet flowers. oz. 20c., $\frac{1}{4}$ lb. 60c.	.05
<b>Crystal Palace Gem.</b> Sulphur, maroon spots. oz. 20c., $\frac{1}{4}$ lb. 60c.	.05
<b>Empress of India.</b> Brilliant crimson, dark tinted foliage. oz. 20c., $\frac{1}{4}$ lb. 60c.	.05
<b>Golden King.</b> Golden yellow. oz. 20c., $\frac{1}{4}$ lb. 60c.	.05
<b>King Theodore.</b> Dark green foliage. Flowers nearly black. oz. 20c., $\frac{1}{4}$ lb. 60c.	.05
<b>King of Tom Thumb.</b> Scarlet flowers; dark foliage. oz. 20c., $\frac{1}{4}$ lb. 60c.	.05
<b>Queen of Tom Thumb.</b> Flowers rich, bright crimson, variegated foliage, very showy and distinct. oz. 20c., $\frac{1}{4}$ lb. 60c.	.05
<b>Lady Bird.</b> Orange, red spots. oz. 20c., $\frac{1}{4}$ lb. 60c.	.05
<b>Pearl.</b> Creamy white. oz. 20c., $\frac{1}{4}$ lb. 60c.	.05
<b>Rose.</b> Fine shade. oz. 20c., $\frac{1}{4}$ lb. 60c.	.05
<b>Finest Mixture of Dwarfs.</b> oz. 15c., $\frac{1}{4}$ lb. 50c.	.05

**TALL OR CLIMBING**

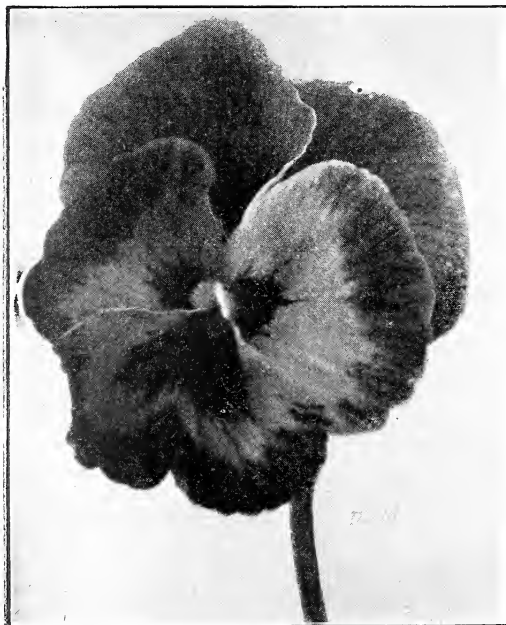
Elegant and luxuriant climbers for verandas, trellises, etc. Height 5 to 10 ft.	Pkt.
<b>Butterfly.</b> Lemon-yellow, upper petals marked dark red, lower petals marked terra-cotta red. oz. 20c., $\frac{1}{4}$ lb. 60c.	\$0.05
<b>Chameleon.</b> Many richly colored flowers on the same plant. oz. 20c., $\frac{1}{4}$ lb. 60c.	.05
<b>Coccinea.</b> Bright scarlet. oz. 20c., $\frac{1}{4}$ lb. 60c.	.05
<b>Fashion.</b> Large; light crimson-rose, with a deep veining of old-rose. oz. 20c., $\frac{1}{4}$ lb. 60c.	.05
<b>Jupiter (Sunlight).</b> Large, golden yellow flowers, on long stems. oz. 20c., $\frac{1}{4}$ lb. 60c.	.05
<b>Moonlight.</b> Very light cream flowers of largest size. oz. 20c., $\frac{1}{4}$ lb. 60c.	.05
<b>Prince Henry.</b> Lemon-yellow, carmine-spotted. oz. 20c., $\frac{1}{4}$ lb. 60c.	.05
<b>Rose.</b> A lovely shade of rose. oz. 20c., $\frac{1}{4}$ lb. 60c.	.05
<b>Twilight.</b> Large, beautiful flowers, salmon-rose, suffused scarlet. oz. 20c., $\frac{1}{4}$ lb. 60c.	.05
<b>Velvet Gem.</b> Crimson flowers; rich, velvety foliage. oz. 20c., $\frac{1}{4}$ lb. 60c.	.05
<b>JOHNSON'S SUPERB MIXTURE OF TALL.</b> oz. 15c., 4 ozs. 40c.	.05

**NICOTIANA • Tobacco**

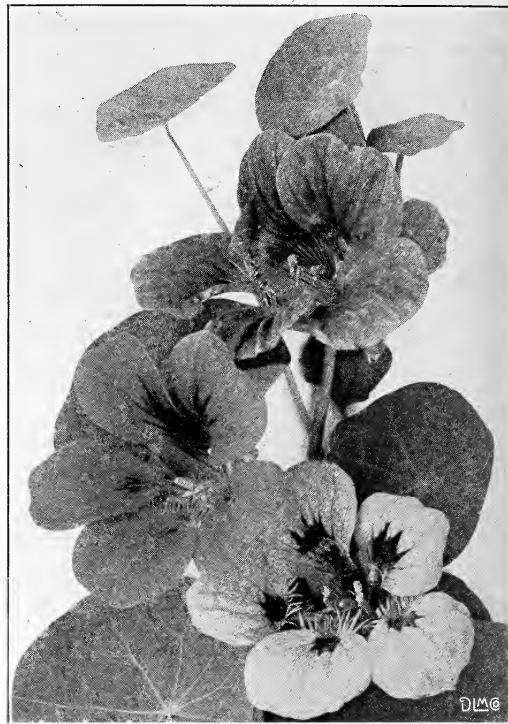
<b>Affinis.</b> Very showy white sweet scented flowers. $\frac{1}{2}$ oz. 30c.	Pkt. .05
<b>Sanderæ Mixed.</b> Splendid variety of colors. $\frac{1}{2}$ oz. 25c.	.10

**NIGELLA • Love in a Mist, or Devil in Bush**

<b>Damascena.</b> A compact, free-flowering plant, with finely cut foliage, curious-looking flowers and seedpods; of easy culture, growing in any garden soil; hardy annuals; blue and white mixed; one foot. Oz. 25c.	.10
<b>Miss Jekyll.</b> A lovely variety with cornflower-blue blossoms, splendid for cutting. $\frac{1}{4}$ oz. 25c.	.10



Pansy



Nasturtium King of Tom Thumbs

**NIEREMBERGIA • Cup Flower**

<b>Frutescens.</b> Blooming the first year if sown early.	Pkt.
Most desirable for baskets, etc.	$\frac{1}{4}$ oz. 20c. .05

**PORTULACA • Purslane Family**

These are succulent plants that delight in light, dry soil in a sunny situation, blooming profusely during the hottest weather and producing a gorgeous display. The seed should be sown where wanted and thinned out as required, the plants being of a spreading character. 6 in.

<b>Single Finest Mixed.</b> In numerous rich colors. Oz. 35c.	\$0.05
<b>Double Mixed.</b> Extra-fine quality. A large percentage double flowers. $\frac{1}{4}$ oz. 50c., oz. \$1.75	.10

**PHLOX DRUMMONDII**

These are fine summer flowering annuals.

<b>Grandiflora.</b> Pure white. $\frac{1}{4}$ oz. 40c.	.10
<b>Grandiflora.</b> Finest Mixed. $\frac{1}{2}$ oz. 50c., oz. 75c.	.05
<b>Nana Compacta.</b> Choice mixed. $\frac{1}{4}$ oz. 50c.	.05
<b>Star of Quedlinburg.</b>	.05

**PANSIES • Heartsease**

The seed that we offer comprises the very finest strains obtainable, and will be found very superior to the quality usually offered. No expense has been spared in obtaining the very best strains from the best French, German and English sources. Pansy plants ready at proper season.

**FINEST SHOW PANSIES**

<b>Johnson's Universal Mixture.</b> This is the finest mixture possible to make as regards size, texture and colorings. $\frac{1}{2}$ oz. \$1.00, oz. \$7.00	Pkt. .50
<b>Masterpiece.</b> Giant curled and ruffled Pansies. Very beautiful, containing the richest combination of colors. $\frac{1}{2}$ oz. 75c.	.25
<b>Bugnot's Superb Blotched.</b> Flowers of enormous size. The shadings comprise tints of red, bronze, and brown not found in any other mixture. $\frac{1}{2}$ oz. 75c.	.25
<b>Cassier's Giant.</b> The largest-flowered class of blotched Pansies. $\frac{1}{2}$ oz. 75c.	.25

**GIANT PANSIES**

<b>Giant Golden Queen.</b> Pure yellow. $\frac{1}{4}$ oz. 75c., oz. \$2.00	.15
<b>Giant Atropurpureum.</b> Deep royal purple. $\frac{1}{4}$ oz. 75c.	.15
<b>Giant Yellow.</b> Yellow with black eye. $\frac{1}{4}$ oz. 75c.	.15
<b>Giant White.</b> White, with purple eye. $\frac{1}{4}$ oz. 75c.	.15
<b>Giant Snowflake (Snow Queen or Candidissima).</b> Pure snow white. $\frac{1}{4}$ oz. 75c.	.15
<b>Giant King of the Blacks.</b> Intensely dark. $\frac{1}{4}$ oz. 75c.	.10
<b>Giant Striped of Mottled.</b> Curiously striped and flamed sort in rainbow tints. $\frac{1}{4}$ oz. 75c.	.15
<b>Giant Hortensia Red.</b> Very fine. $\frac{1}{4}$ oz. 75c.	.15
<b>Giant Mixed.</b> Extra fine blending of colors. $\frac{1}{4}$ oz. 60c., oz. \$2.00	.10



**PETUNIA**

We pay particular attention to our Petunia stock and are sure it is unexcelled.

<b>Large Flowering Double</b>	
<b>Fringed Mixed.</b> Our unrivaled strain.....	Pkt. \$0.50
<b>Large Flowering Single</b>	
<b>Fringed Mixed.</b> From large fringed flowers.....	.25
<b>Large Flowering Single White.</b>	
<b>Finest strain</b> .....	.25
<b>Giants of California.</b> Many colors. Fringed and ruffled....	.25
<b>Hybrida Howard's Star.</b> Very useful. Medium size, rich crimson.....	Oz. \$1.25 .15
<b>Hybrida Single Mixed.</b> All colors.....	Oz. 50c. .10

**POPPIES • ANNUAL SORTS**

<b>Tulip.</b> Single. Bright scarlet..	Pkt. ½ oz. 30c. .05
<b>Shirley.</b> Finest mixed. Very popular.....	½ oz. 30c. .10
<b>Mikado.</b> Double. White with crimson stripe.....	Oz. 25c. .05
<b>White Swan.</b> Double. Pure white.....	Oz. 25c. .05
<b>Best Single Mixed.</b> .....	Oz. 25c. .05

**PERENNIAL**

<b>Iceland.</b> Finest Mixed ¼ oz. 20c.	.10
<b>Orientele.</b> Deep crimson. Very showy.....	¼ oz. 20c. .05
<b>Orientele.</b> Mixed colors.....	.15

**SALVIA**

<b>Bonfire</b> (Clara Bedman). A salvia of very compact growth, vivid scarlet. Very popular.....	¼ oz. 75c. \$0.10
<b>Splendens.</b> The old standard bright scarlet.....	¼ oz. 50c. .10

**SCABIOSA • MOURNING BRIDE**

Very desirable for summer cut flowers.	
<b>Fine Mixed.</b> All colors.....	½ oz. 30c. .05

**SCHIZANTHUS • BUTTERFLY FLOWER**

The sight of a few well-grown plants would induce any one to grow them. They are simply elegant for decorative use in pots or for cutting. The buds open in water and the sprays last for a week.

<b>Hybrida grandiflora compacta.</b> These are large-flowered with beautiful color combinations in the same flower, as white, rose and gold; white, crimson and yellow; violet, blue and yellow, all more or less spotted. 1½ feet high.....	Pkt. \$0.10
<b>Wisetonensis.</b> Charming long and profusely blooming hybrids. Chiefly light shades. Excellent for greenhouse culture.....	.25

**SUNFLOWER**

<b>Miniature.</b> Best mixed.....	Oz. 20c. .05
<b>Globe Flowered.</b> Fine double mixed.....	Oz. 20c. .05
<b>Large Russian.</b> Tall Mammoth flowered.....	Oz. 10c. .05

**THUNBERGIA****BLACK-EYE SUSAN**

Much used for filling baskets, etc.

<b>Finest Mixed.</b> An unexcelled mixture.....	Pkt. ½ oz. 40c. .10
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**VERBENA**

One of the most popular plants for beds. They give a wide range of beautiful colors.

<b>Mammoth White.</b> .....	½ oz. Pkt. \$0.50 \$0.10
<b>Mammoth Purple.</b> .....	.50 .10
<b>Mammoth Pink.</b> .....	.50 .10
<b>Mammoth Scarlet.</b> .....	.50 .10
<b>Mammoth Blue.</b> .....	.50 .10
<b>Finest Mixed.</b> .....	.50 .10

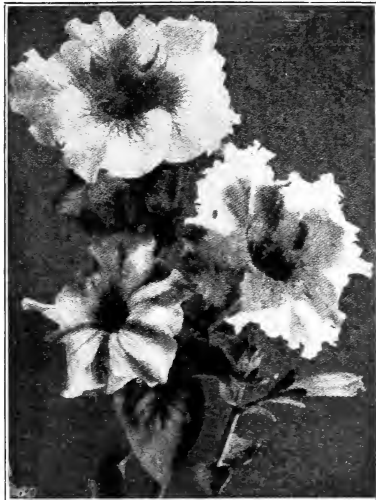
**VINCA**

Very handsome free flowering plants. Very useful.

<b>Rosea,</b> dark eye.....	½ oz. Pkt. \$0.40 \$0.10
<b>White,</b> rose eye.....	.40 .10
<b>Pure White.</b> .....	.40 .10
<b>Finest Mixed.</b> .....	.40 .10

**WALLFLOWER**

<b>Single Mixed.</b> .....	½ oz. 40c. .05
<b>Double Mixed</b> ¼ oz. 50c.	.10



Large-flowering Fringed Petunias

**PYRETHRUM**

Unexcelled for ribbon borders, beddings, etc. Pkt.

<b>Aureum</b> (Golden Feather).....	\$0.05
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**PRIMULA • PRIMROSES**

<b>Alba Magnifica.</b> Fringed white.....	.50
<b>Bright red.</b> Very fine shade.....	.50
<b>Choicest Mixed.</b> .....	.50

**OBCONICA VARIETIES**

<b>Grandiflora.</b> Pure white.....	.25
<b>Grandiflora.</b> Finest mixed.....	.25
<b>Gigantea.</b> Mammoth flowers.....	.50

**RINICUS • CASTOR OIL BEAN**

Magnificent tropical looking plants for lawns or large beds.

<b>Zanzibariensis.</b> Finest of all. Gigantic leaves of various colors. ¼ lb. 30c., lb. \$1.00, oz. \$0.10	Pkt. \$0.10
<b>Borboniensis.</b> Elegant green foliage.....	Oz. 10c. .05
<b>Cambodgensis.</b> Very dark, almost black.....	Oz. 10c. .05
<b>Finest Mixed.</b>	
Oz. 10c., ¼ lb. 20c., lb. 60c.,	.05

**SALPIGLOSSIS**

<b>Fine Mixed.</b> All colors.....	Oz. \$1.25 .10
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**SMILAX**

Every florist should grow this as it is always in demand. Pkt.

Our seed is fresh.....	Oz. 35c. .05
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**STOCKS, Ten Weeks**

The Ten Weeks is the leading variety for bedding. Bloom early, grow compact. Pkt.

<b>Blood red.</b> .....	¼ oz. 80c. \$0.10
<b>Canary yellow</b> ¼ oz. 80c.	.10
<b>Bright rose</b> .....	¼ oz. 80c. .10
<b>Light blue.</b> .....	¼ oz. 80c. \$0.10
<b>Pure white.</b> .....	¼ oz. 80c. .10
<b>Finest Mixed.</b> .....	¼ oz. 75c. .10

**Cut and Come Again PERPETUAL**

<b>Princess Alice.</b> White.....	¼ oz. 75c. .10
<b>Finest Mixed</b> .....	¼ oz. 75c. .10

**SWEET WILLIAM • DIANTHUS BARBATUS**

Fragrant hardy Perennial. These are matchless for border and bedding wherever rich color effects are desired. They flower richly in almost any soil, bearing large heads of richest tints. Pkt.

<b>Pink Beauty.</b> A rich, deep rose shade.....	¼ oz. 30c. \$0.05
<b>Scarlet King</b> (New). An intensely deep, rich, pure scarlet, a grand acquisition to this class of flowers. ¼ oz. 60c.	.10
<b>Mixed.</b> Single, all colors.....	¼ oz. 20c. .05

**ZINNIA**

These attractive and decorative hardy annuals are most desirable plants for mixed borders or bedding purposes, and are remarkable for the profusion and duration of their flowers, which are extremely useful for bouquets. Johnson's Zinnias are exceedingly handsome, the flowers being notable for their large size, fine form, brilliancy and diversity of color. The plants come quickly from seed and are easily transplanted.

**ELEGANS FL. PL.**

<b>Double Flowered.</b> 2½ ft. Pkt.	
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<b>Alba.</b> White.....	¼ oz. 25c. \$0.10
<b>Golden Yellow</b> ¼ oz. 25c.	.10
<b>Flesh Color</b> .....	¼ oz. 25c. .10
<b>Rose</b> .....	¼ oz. 25c. .10
<b>Scarlet</b> .....	¼ oz. 25c. .10
<b>Jacqueminot</b> Blood red	
¼ oz. 25c.	.10

<b>Zebra Striped.</b> ¼ oz. 25c.	.10
<b>Double Good Mixed.</b>	
¼ oz. 15c., ½ oz. 25c.	.05

**NEW GIANT FLOWERED or COLOSSAL. 3 ft.**

The flowers are of enormous size, thickly set with velvety petals. The plants are healthy, vigorous, branching freely, and make excellent material for groups or cutting. Pkt.

<b>White</b> .....	\$0.15
<b>Golden Yellow</b> .....	.15
<b>Sulphur Yellow</b> .....	.15
<b>Flesh Color</b> .....	.15
<b>Crimson</b> .....	.15
<b>Scarlet</b> .....	.15
<b>Violet</b> .....	.15
<b>Purple</b> .....	.15

All of above, ½ oz. 80c. 1 oz. \$1.50.

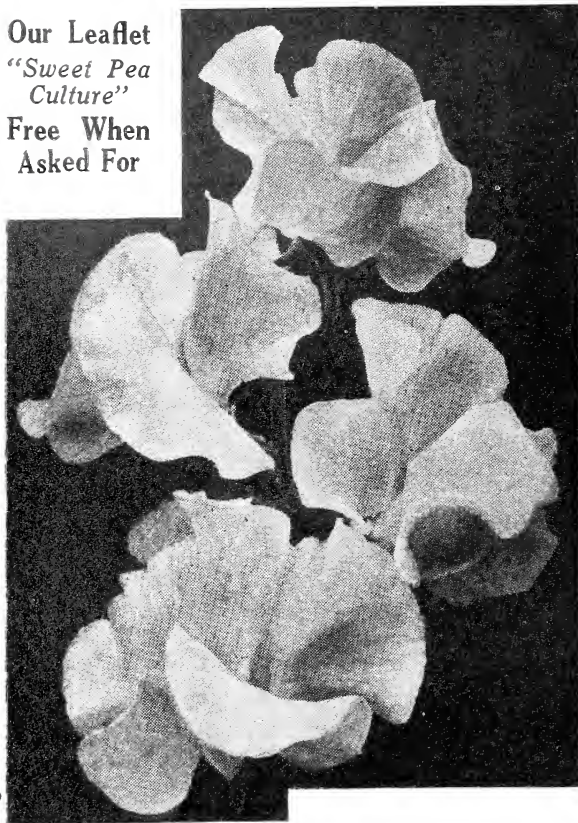


Zinnia

# Johnson's High-Grade Sweet Peas

Our list of Sweet Peas is carefully revised and kept up-to-date and we believe every sort we offer is entitled to a place in the front rank. They are produced on contract for us by the most competent and skillful Sweet Pea specialists in Europe and America.

**Our Leaflet**  
**"Sweet Pea**  
**Culture"**  
**Free When**  
**Asked For**



## JOHNSON'S GIANT-SPENCER or ORCHID-FLOWERED SWEET PEAS

The Spencers or Orchid-flowering sorts bear very large flowers which are wavy or crinkled at the edges. Just as easy to grow as the common sort.

Prices of all varieties. Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00.

**Apple Blossom Spencer.** Rose and blush-pink, very large.

**Asta Ohn.** Soft lavender tinged with mauve.

**Aurora Spencer.** Striped and flaked salmon-rose on a white ground; very large, bold flower.

**Black Knight Spencer.** Large, rich, deep maroon.

**Blanche Ferry Spencer.** Identical in color to the popular pink and white Blanche Ferry, immense wavy flowers.

**Countess Spencer.** A lovely clear pink, shading deeper at the edges, the original of this type.

**Dainty Spencer.** Very large beautifully waved flowers of pure white, daintily edged pale rosy-pink.

**Florence Morse Spencer.** Delicate blush with pink margin; a charmingly beautiful flower of very large size.

**Frank Dolby.** The largest and finest pale lavender blue.

**George Herbert.** Bright rose-carmine; very showy.

**Helen Lewis (Orange Countess).** Brilliant crimson-orange, wings orange-rose.

**King Edward Spencer.** Bright crimson-scarlet. Magnificent in size and color.

**Mrs. Routzahn Spencer.** Soft chamois-pink, a beautiful shade, and charming as a cut flower.

**Mrs. Walter Wright Spencer.** A beautiful shade of deep mauve.

**Primrose Spencer.** The largest and finest primrose-yellow.

**White Spencer.** A pure wavy white of enormous size and splendid substance; long, strong stems.

## JOHNSON'S GRAND SPENCER MIXTURE

A liberal planting of this mixture will furnish a most magnificent display of Spencer types, including not only about all sorts now introduced, but many new ones not yet on the market. All shades of color, white lavender, shades of scarlet, striped, purple and maroon. Gigantic Waved Spencer Type. Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 65c., lb., \$2.25.

## JOHNSON'S BEST GRANDIFLORA MIXTURE

This is a special blend of grandiflora varieties put up by ourselves and can not be excelled for quality and range of color. Pkt., 5c., oz. 10c.,  $\frac{1}{4}$  lb. 30c., lb. \$1.00.

## MIXTURES OF SEPARATE SHADES

It is undeniable that a bunch of Sweet Peas of pink or white or other colors which harmonize together is much more effective than a similar bunch where all the colors are mixed together. For such as prefer to grow the various colors separate we have prepared the following mixtures out of the finest named sorts:

**Pink Shades.** Light to deep pink.

**Red Shades.** Bright rose to dark scarlet.

**Lavender and Blue Shades.** Lavender to heliotrope.

**Purple and Maroon Shades.** All the dark colors.

**White and Primrose Shades.** All the delicate tints.

**Striped Sorts.** Various striped combinations.

Price, any of the above, 10c. per oz., 30c. per  $\frac{1}{4}$  lb., \$1.00 per lb.

Collection of one ounce each of the 6 shades, 50c.

## STANDARD GRANDIFLORA SWEET PEAS

**Blanche Ferry.** Pink and white. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 30c.

**Dorothy Eckford.** The best white. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c.

**King Edward VII.** Rick deep scarlet. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 30c.

**Emily Henderson.** White, early. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c.

**Navy Blue.** Deep violet blue. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 20c.

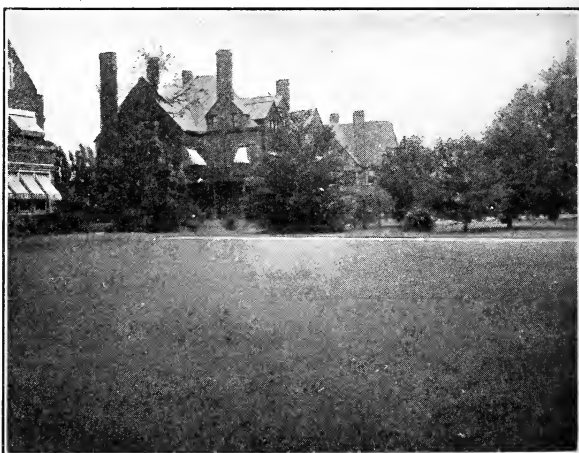
**Lady Grisel Hamilton.** Soft Lavender. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 30c.

**Lovely.** Standard and wings deep pink, shading to a very light pink at the edges; vigorous grower; mostly four flowers to a stem. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 35c.

**Lottie Eckford.** Large, silvery white flowers, shaded and edged with soft lavender. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c.

## LAWN GRASS SEED

If you desire a perfect lawn, use **Johnson's High Grade Lawn Seed.** FOR SHADY PLACES, sow our **Shady Nook Lawn Seed.** Both kinds, if sown early in the Spring, will produce a good lawn by midsummer. See outside back cover for seed and for directions how to make a lawn.





# Summer-Flowering Bulbs and Roots

## LARGE-FLOWERING CANNAS

For grouping on lawns, or for large beds, no plants are more effective. They bloom soon after planting. We offer the following choice varieties. Foliage green where not noted.

Canna tubers should not be put into the ground until the soil has become warm. They commence blooming in June and continue until late in September. Every shoot bears a flower, and these shoots are being constantly produced throughout the season. All varieties, except where noted, 10c. each, \$1.10 per doz..

\$8.00 per 100. Mailing weight, 3 ozs. each;  
2 lbs. per doz.

- Beacon.** Rich cardinal-red; medium size; free flowering. 3½ ft. 15c. each, \$1.50 per doz.
- Black Prince.** Very dark, velvety crimson; large clusters. 4½ ft.
- Brandywine.** Orchid-flowered. Intense red, mottled with deep crimson. 4 ft.
- Charles Henderson.** Deep crimson throat, yellow-flamed. 3½ ft.
- Crimson Bedder.** Dazzling crimson-scarlet; well displayed above the foliage. 3 ft.
- Duke of Marlborough.** Deep crimson-maroon. 4 ft.
- Flurence Vaughan.** Bright, rich, golden yellow, spotted red; large flowers. 4½ ft.
- Italia.** (Orchid.) Great, crinkly petals of clear yellow, overlaid with orange-scarlet. 5 ft.
- King Humbert.** Orchid-flowered. Bronze foliage. Brilliant orange-scarlet, bright red shading; large trusses. 5 ft. 15c. each, \$1.50 per doz., \$10.00 per 100.
- Mlle. Berat.** Rich rosy carmine or pink flowers. 4 ft.
- Mme. Crozy.** Brilliant vermilion-scarlet, bordered yellow.
- Martha Washington.** Handsome broad-flowered rosy pink. 3 ft.
- Mrs. Kate Gray.** Orchid-flowered. Full head of soft orange, orange-shaded carmine, and yellow-dotted throat. 5 to 6 ft.
- Mrs. Karl Kelsey.** Orchid-flowered. Orange-scarlet, flaked and striped golden yellow. 6 to 7 ft.
- Meteor.** Massive, erect trusses of deep blood-red flowers; the best red bedder. 5 ft. 20c. each, \$2.00 per doz.
- Prince Wied.** Rich deep crimson flowers, produced in large clusters. 4 ft. 15c. each, \$1.50 per doz.
- Rosea gigantea.** Largest of all Cannas. Rich rose-pink. 4 ft. 20c. each, \$2.00 per doz., \$15.00 per 100.
- Souv. d'Antoine Crozy.** Rich, dazzling scarlet, golden yellow edges. 3 ft.
- Spendor.** Salmon-scarlet flowers of immense size in spreading turrets. 3½ ft. 15c. each, \$1.50 per doz.

## CALADIUMS

**Esculentum (Elephant's Ear).** Unequaled as a foliage plant. The leaves are shield-shaped, bright green, often measuring 3 ft. or more in length and breadth. Very imposing in appearance when developed. Need very rich soil and an abundance of water.

- Extra Large.** 11 to 12 ins. in circumference. 30c. each, \$3.00 per doz.
- First Size.** 9 to 11 ins. in circumference. 20c. each, \$2.00 per doz., \$13.00 per 100.
- Second Size.** 7 to 9 ins. in circumference. 15c. each, \$1.50 per doz., \$10.00 per 100.
- Third Size.** 5 to 7 ins. in circumference. 7c. each, 70c. per doz., \$5.00 per 100.

## DAHLIAS

**Dry Roots.** A large number of varieties of each of the various styles of Dahlias, such as **Pompon, Show, Cactus, Collar-et and Single.** 15c. each, \$1.50 per doz.

We will be pleased to send complete descriptive list on request.

**Started Roots.** Ready about May 15th. All the best **Pom-pon, Cactus and Show** varieties at 15c. each, \$1.50 per doz.

## CINNAMON VINE

Hardy climber with dark-green foliage, and bearing a profusion of small white flowers of delicious fragrance. 5c. each, 50c. per doz.

## MADEIRA VINE

A rapid-growing climber, bearing graceful racemes of fragrant white flowers; of great value for covering porches and arbors. 5c. each, 40c. per doz.

## TUBEROSES

After careful selection we have greatly improved the Tuberose in dwarf habit of growth. Yields longer spikes than the old style, and produces large double flowers which are very highly perfumed.

**Excelsior. Double Pearl.** Selected large bulbs. Price: each 5c., doz. 40c., 100 for \$2.00.

## MISCELLANEOUS CLIMBERS

During spring we shall carry an assortment of vines in stock as follows, and will also be able to supply many others not mentioned.

- Honeysuckle.** Very hardy, deliciously fragrant. 20c. each.
- Jackmani Clematis.** Rapid grower, flowers abundantly. 40c.
- Moonflower.** Well known evening bloomer. 15c. each.
- Dutchman's Pipe.** Very hardy. Makes dense shade. 40c. ea.
- Boston Ivy.** Very popular hardy vine for brick walls. 25c. ea.

## GLADIOLI

This is one of the best of the Summer-flowering bulbs. It is a flower anyone can grow, and is lovely enough to satisfy the most exacting. There is no limit to the range of color—pink, scarlet, crimson, yellow, white and a host of other colors.

Nothing is finer for vases than a bunch of Gladioli. The flowers will last for days, and the buds develop into blossoms after being cut.

Write for prices on Gladioli in lots of one thousand or more. We will carry in stock many varieties which we have not room to describe here.

**GLADIOLUS CULTURE**—Free, on request, with any order.

**America.** The flower-spikes are two to three feet long, bearing a great number of large spreading blooms, all facing one way. The flowers are of a beautiful soft lavender-pink color; the shading is very light and the effect is a tinted white. The most beautiful of all. 5c. each, 40c. per doz., \$3.00 per 100.

**Baron Hulot.** Best of the blue shades. The dark violet flowers are of a medium size. 5c. each, 50c. per doz., \$3.50 per 100.

**Brenchleyensis.** The best and most effect vermilion-scarlet for massing. 30c. per doz., \$2.00 per 100.

**Mrs. Frank Pendleton.** Flowers large and well expanded; light pink, heavily blotched blood-red in the throat. 10c. each, \$1.00 per doz., \$7.00 per 100.

**Mrs. Francis King.** A magnificent new variety. The large blooms are of a delightful light scarlet and are well placed on the large spikes. Each 5c., doz. 40c., 100 for \$3.00.

**Augusta.** Magnificent, pure white with blue antlers, very striking. Each 5c., doz. 35c., 100 for \$3.00.

**Panama.** A seedling of America, but of an incomparable rose-pink; spikes very long, with large flowers, 10c. each, 75c. per doz., \$6.00 per 100.

**Peace.** Flowers are large, of good form, correctly placed on a heavy, straight spike. Beautiful white, with pale lilac feathering on inferior petals. 10c. each, \$1.00 per doz., \$7.00 per 100.

**Chicago White.** Earliest and best white for forcing and excellent as a garden variety. Rapidly replacing Augusta. 10c. each, \$1.00 per doz.

**Niagara.** Beautiful cream shade, with two lower inside petals or segments blending to canary-yellow; flowers 4½ inches across, on erect and stout spikes. 10c. each, \$1.00 per doz., \$7.00 per 100.

## Gladioli in Splendid Mixture

	Doz.	100
White and Light Shades.....	\$0.35	\$2.50
Shades of Pink and Rose.....	.40	2.50
Shades of Red and Scarlet.....	.30	2.25
Shades of Yellow and Orange.....	.60	4.50
Johnson's Complete Mixture. All colors.....	.30	2.00
Johnson's Superb Mixed, Named Sorts.....	.40	3.00

## IRIS

**Kaempferi (The Japanese Iris).** Handsome, summer-flowering varieties, blooming from June to August. They prefer rich, moist soil, but will thrive in any fair soil. Ten choicest varieties, clumps, 25c. each, \$2.50 per doz., \$15.00 per 100. Set of ten \$2.00.

**Germanica.** Very handsome and thrives anywhere. Finest mixed. 10c. each, \$1.00 per doz., \$6.00 per 100.

## CHOICE NAMED HERBACEOUS PEONIES

Nobler objects for the mixed border can scarcely be imagined. If left undisturbed they form large stools, and produce magnificent flowers in great profusion.

**Festiva Maxima.** The finest white in cultivation. Each 50c.

**L'Esperance.** Deep rose with crinkly, white tips; extra large and fine; the earliest large pink. Each 25c.

**Charlemagne.** Large, bold, solid-colored rose-pink; mid-season. Each 25c.

**Rubra Superba.** Best dark bedding peony. Each 40c.

**Jeanne d'Arc.** A choice variety notable for its exquisite perfume and other good cutting qualities. Guards pale lilac-pink, with full tufted center of sulphur white. Each 35c.

## BEDDING PLANTS

We will have a large line of the best bedding plants, such as Asters, Coleus, Geraniums, Heliotrope, Pansies, Petunias, Salvia, Verbenas, etc., at popular prices.

## PERENNIAL PLANTS

Hardy Perennials or "Old Fashioned Flowers" are rapidly growing in popular favor. Our assortment will include the best and our prices very reasonable for first stock. Please ask for Complete Descriptive List with best prices.

## VEGETABLE PLANTS

We will have a large supply of all varieties of Vegetable plants, such as Cabbage, Cauliflower, Celery, Tomato, Egg and Pepper plants, and our prices will be reasonably consistent with good fresh stock. We supply the seed and take great care in growing our plants so that the product will be first class when grown under favorable conditions.

We make a great specialty of Vegetable Plants, growing them from only the very best seed and sparing no pains to have them fresh and in good condition

## INSECT DESTROYERS

**Ant Exterminator.** For red and black ants. This powder exterminates them.  $\frac{1}{4}$  lb. 20c.,  $\frac{1}{2}$  lb. 40c., lb. 75c.

**Antipest.** Carman's. Very effective for the destruction of scale, red spider, mealy bug, green thrip, ants, wireworms, slugs, etc. Qt. 60c.,  $\frac{1}{2}$  gal. \$1.00, gal. \$1.75.

**Aphine.** For destroying aphids, green fly, thrip, red spider and other greenhouse and outdoor insects. It dilutes readily in water about 1 part to 40 of the latter. Pt. 75c., qt. \$1.15.

**Arsenate of Lead. Paste Brand.** Very effective for combating the codling moth and all other leaf-eating insects. Lb., 35c., 5 lbs. \$1.50, 10 lbs. \$2.90, 20 lbs. \$5.00.

**Arsenate of Lead, Powder.** Preferred by some to the paste form as it stands suspension longer. Lb., 55c., 5 lbs. \$2.50.

**Bug Death.** Largely used instead of Paris Green. Not poisonous to persons. Per lb. 20c., 3 lbs. 50c.

**Black Leaf 40.** A concentrated solution of nicotine sulphate, an excellent spray for black aphids and sucking insects of all kinds. Full directions on each package. 25c.

**Bordeaux Paste, Grasselli Brand.** Ready for use by simply adding water. Lb. 45c., 5 lbs. \$2.00, 10 lbs. \$3.75.

**Carco.** Stirred into the soil around plants, it drives away cutworms, etc., also insects which mutilate radishes, turnips, etc. Pt. 50c., qt. 75c.

**Gets-There Soap.** For washing palms. 3 lbs. 60c., 5 lbs. \$1.00.

**Fungine.** An infallible remedy for destroying mildew, rust, bench-rot and other fungi. Does not stain the foliage. Pt. 75c., qt. \$1.15, gal. \$3.50.

**Hellebore, Best Grade, Powdered, White.** For rose-slugs, currant worms, etc. Lb. 60c., 5 lbs. \$2.50.

**Kerosene Emulsion Paste, Target Brand.** For scale, plant lice and aphids on tender plants, trees, shrubbery, vines, etc. Lb. 30c., 5 lbs. 90c., 25 lbs. \$3.60.

**Lemon Oil.** Claimed by many to be the best and cheapest insecticide in the market. Used now by nearly all the leading growers. It effectually controls mealy bug, scale, thrip and red spider. Pt. 60c., qt. \$1.00, gal. \$2.50, 5-gal. keg \$10.50.

**Lime-Sulphur Solution.** For San José and all other scale insects. A fungicide. When used against scale, spray when the tree is dormant in the early spring or late fall. Put up in tin packages and oak barrels. Qt. 25c., 2 qts. 45c., gal. 90c., 5 gals. \$2.75,  $\frac{1}{2}$  bbl. \$11.50.

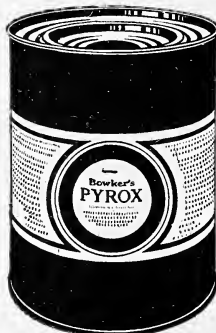
**Nico-Fume.** For fumigating. Strips of paper strongly saturated with nicotine. Very convenient and effective. Cans, 24 sheets 85c., 144 sheets \$4.00, 288 sheets \$7.50.

**Nico-Fume Liquid.** For spraying and vaporizing.  $\frac{1}{4}$  lb. 50c., 1 lb. \$1.50, 4 lbs. \$5.50, 8 lbs. \$10.50.

**Nikotene.** 1 lb. \$1.50, 5 lbs. \$7.00.

**Paris Green.** Particularly effective in eradicating the potato bug. Lb. 65c., 2 lbs. \$1.25, 5 lbs. \$3.00.

**Persian Insect Powder.** Non-poisonous. A superior grade. Kills all kinds of insects on plants in the garden and in the home.  $\frac{1}{4}$  lb. 25c., lb. 75c.



**Pyrox.** A combined insecticide and fungicide for all leaf-eating insects. Recommended for potatoes. 1 lb. 35c., 5 lbs. \$1.40, 10 lbs. \$2.50, 25 lbs. \$5.75, 50 lbs. \$10.75, 100 lbs. \$20.00.

**Rat Corn.** A thoroughly tried and proved destroyer of rats and mice. Cans 25c., 50c., and 100.

**Red Wing Insect Powder.** Prices, 10c., 25c., \$1.00.

**Scalecide.** Used for the destruction of the San José Scale. Dilute at the rate of 1 gallon Scalecide to 20 gallons of water. Scalecide does not clog nozzles or pump. Qt. 65c., gal. \$1.75, 5 gals. \$7.00.

**Sulpho Tobacco Soap.** An excellent article for the greenhouse or conservatory. Especially good for destroying scale on palms and other plants. Soluble in warm water. 3 oz. 10c., 8 oz. 25c.

**Rose Bug Exterminator, Readeana.** A positive killer of all insect life on flowers, shrubbery and vines, and which is absolutely harmless to the most delicate plants or flowers. Also cleanses and beautifies the foliage.  $\frac{1}{4}$  pt. 35c.,  $\frac{1}{2}$  pt. 60c., qt. \$1.50, gal. \$4.50.

**Slug-Shot.** Non-poisonous powder, ready for use. It is very effectual in destroying potato and other bugs, beetles, green and black fly, slugs, worms, caterpillars. Use by dusting on plants. 1 lb. carton 20c., 5 lbs. 50c., 10 lbs. 95c., 25 lbs. \$2.25.

**Sulphur.** For mildew on plants, etc. Lb. 10c., 5 lbs. 45c., 10 lbs. 80c., 25 lbs. \$1.75.

**Tobacco Dust.** The most effective and cheapest remedy for the flea on cabbage, radish, etc. Lb. 10c., 5 lbs. 35c., 10 lbs. 60c.; 50 lbs. \$2.15, 100 lbs. \$4.00.

**Thrip Juice (Hammond's No. 2).** Effective for exterminating aphids, red spider, mealy bug, etc. Pt. 75c.; qt., \$1.20, gal. \$3.50.

**Tree Tanglefoot.** A paste preparation for painting around the trunks of trees, in the form of a band, and insects and other crawling pests cannot get over it. Lb. 50c., 3-lb. cans \$1.40, 10-lb. cans, \$4.00, 20-lb. cans \$7.50, 25 lbs. \$9.00.

**Tree Tape.** Does all that the Tanglefoot will do, is more economical and is not unsightly. 5c. per foot.

**Worm Eradicator, Reade's Electric.** For removing worms from greenhouses, lawns, flower-pots, vases, etc., without damage to the plants. Bottles 50c. and \$1.00, gal. \$4.00, 2 gals. \$7.75.

**Whale-Oil Soap, or Fish-Oil Soap.** For destroying and preventing insects on plants, trees, vines, etc. Very easily applied and very effective. Lb. 25c., 5 lb. can \$1.10.

**X. L. All Compound.** For spraying very delicate plants; kills mealy bug, red spider and all insect pests. In half-gallon cans only. \$2.75 each.

## HIGH GRADE FERTILIZERS

**Bone Meal.** See fourth cover page.

**Clay's Fertilizer.** Very scarce. Write for prices.

**Park and Lawn Fertilizer.** See fourth cover page.

**Farmogerm.** High-bred nitrogen-fixing bacteria; makes poor soil good to raise the biggest and best crops of peas, beans, sweet peas, clover and other legumes. Farmogerm will do it and add nitrates to the soil to benefit future crops of any kind. Write for booklet. Garden Size, per bottle, 50c.; Acre Size, \$2.00; Five Acre Size, \$7.50.

**Shredded Cattle Manure.** A pure manure, light, clean and easily handled. Used extensively for cut flower forcing. 100 lbs. \$3.00; 500 lbs., \$13.00.

**Sheep Manure.** Apply 1000 lbs. per acre. For garden, lawn or greenhouse use nothing surpasses sheep manure; it is clean and easily handled, besides giving immediate results. 2 lbs. 15c., 5 lbs. 30c., 10 lbs. 50c., 25 lbs. \$1.10, 50 lbs. \$2.00, 100 lbs. \$3.50, 500 lbs. \$15.00.

**Nitro-Fertile.** An odorless liquid fertilizer for flowers, vegetable garden, shrubbery, fruit trees, lawns, and house plants, containing all the necessary food for plant life in correct proportions. Being in liquid form it is easily applied throughout the plant life with unusual and prompt results. Improves the growth, bloom and foliage. Nitro Fertile is put up in glass containers and sold at the following prices: Pts. 60c., qts. \$1.00,  $\frac{1}{2}$  gal., \$2.00, gal. \$3.00, 10-gal. keg, \$1.90 per gal., 25-gal. bbl. \$1.80 per gal., 50-gal. bbl. \$1.60 per gal.

**Nitrate of Soda.** Apply 100 to 150 lbs. per acre, mixing with land plaster or other fertilizers to render application more easy. Use only after plants are above ground. If used in liquid form dilute 2 ozs. to 1 gal. of water and do not apply oftener than twice a week. 5 lbs. 60c., 10 lbs. \$1.10, 25 lbs. \$2.50, 50 lbs. \$4.50, 100 lbs. \$8.00.

## VERMILAX DOG REMEDIES

To keep dogs of all ages, well, requires study of the methods and familiarity with the remedies used by experienced breeders and kennel owners. The easiest way to get an adequate understanding of dog diseases, their symptoms and how to treat them is to read Dr. Delaney's "Handbook on Dog Diseases," a copy of which free on request.



## CONKEY'S POULTRY REMEDIES

HAVE YOU A CONKEY CORNER IN YOUR POULTRY HOUSE?

With Conkey's Poultry Remedies and Tonics at your elbow you can laugh at disease. They are made in Cleveland and we guarantee

every one to satisfy you or we'll refund your money quick. Ask for a copy of Conkey's 80-page Poultry Book. It's full of poultry information.

**Conkey's Buttermilk Starting Food.**—the only baby chick food with buttermilk in it. Makes chick raising easy.

A complete food for the first three weeks, producing strong, healthy, fast growing chicks at a cost of 1c. each. 3 lbs. 30c., 5 lbs. 50c., 10 lbs. 90c., 25 lbs. \$2.10, 50 lbs. \$4.00, 100 lbs. \$7.50.

**Conkey's Poultry Tonic.** There's not a bit of filler, cayenne pepper or anything harmful in it. It builds, it doesn't force. In pails 12 lbs., \$1.40, 25 lbs. \$2.75, pkgs. 30c.

**Conkey's Roup Remedy** is world famous for preventing and treating this deadly, contagious poultry disease. 30c., 60c.

A full line of Conkey's Remedies carried in stock.

Don't  
Worry!  
Conkey  
Will Cure  
Me





## SPRAYERS

### Auto-Spray No. 5

This pump is the ideal all-purpose hand sprayer. Its field is practically unlimited as it may be used for spraying trees, vines, garden truck, potatoes and any field crops, and for handling whitewash and disinfectants.

It is made entirely of brass, doing away with all danger of corrosion.

The pump is double acting. This feature makes the spray continuous.

The pump cylinder is small in diameter and for that reason the operator can generate a high pressure with little labor. In an actual test this pump generated a pressure of 180 lbs. per square inch, with ordinary effort.

We furnish with this pump 3½ feet of ¾-inch suction hose and a heavy strainer that keeps the hose from working out of a bucket or tank.

Auto-Spray No. 5, pump, hose, nozzle and strainer, \$5.50.

Galvanized iron reservoir (for use in potatoes or field crops) \$4.00.

### Style G "Kant Klog" Sprayer

The Sprayer body is made of heavy polished brass or galvanized steel as desired. Both top and bottom are dome shaped; joined to body under heavy pressure, making a complete double seam.

A few seconds working of the air pump charges the sprayer with compressed air, a powerful and elastic force, which discharges the liquid in the form of either fine sprays or solid streams as desired.

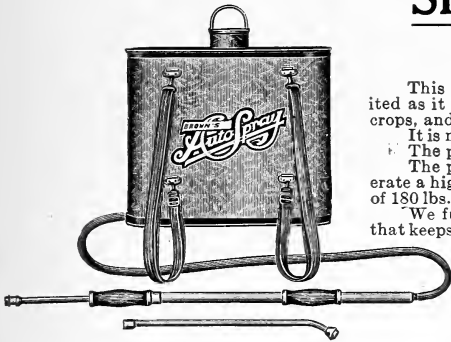
Sprays Trees, all kinds of Small Fruits and Garden Vegetables, Disinfectants, Whitewash and many other uses. Brass \$9.50. Galv. \$7.00.

### No. 9 Prize Barrel Sprayer

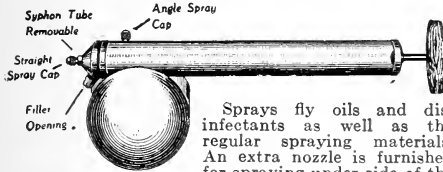
Adjustable plates permit mounting on end or side of either large or small barrels without extra parts or any change whatever. Will supply two leads of hose. Submerged Brass Cylinder two and one-half inches in diameter. Brass ball valves, cage and seat. Special fabric plunger, Air Chamber two and three-quarter inch wrought iron. Double paddle agitator, Brass strainer or intake pipe.

Price with five feet of hose and "Kant-Klog" nozzle, \$16.75.

Style G—Kant Klog



### Brown Continuous Spray



Sprays fly oils and disinfectants as well as the regular spraying materials. An extra nozzle is furnished for spraying under side of the foliage. Holds 1 qt. Price, No. 25B, galvanized tank, \$1.25; No. 25C, brass tank, \$1.50.

### No. 12 Barrel Sprayer

This is the best value we have ever offered in Barrel Sprayers. Easy working; High Pressure; Low Price. Clamps to top and anchors to bottom of Barrel. Cylinder one and three-quarter inches in diameter. Five feet of hose and "Kant-Klog" nozzle, \$12.00.

### Junior No. 5 Force Spray Pump

In this Junior 5 Spray and Force Pump we do away entirely with the objectionable footrest, clamps, leather suction, packing, etc. This pump requires no fastening of any kind. All the operator need do is press the plunger down—a flexible coil spring making the upward stroke.

Easy working and will do more different kinds of work than other pumps because will pump from Pail, Barrel, Tank, Spring or Creek, without fastenings of any kind.

Solid Brass except handle and hose. Even the Suction is solid Brass with expanding spring rings similar to an engine piston. No leather suction or packings to dry up and give trouble.

Makes one round spray, one flat spray and two sizes of solid streams. Automatic mixer keeps solution stirred.

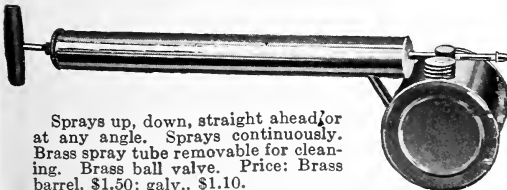
Price of Pump complete as shown in cut, \$4.50. Brass pipe for elevating nozzle in tree spraying, length 3 feet. Price 65 cents.

### Rochester Duster No. 6

For applying insecticides, disinfectants, etc., in dry form.

Funnel can be turned up for dusting under side of foliage. Capacity 1½ quarts. Price \$1.10 each.

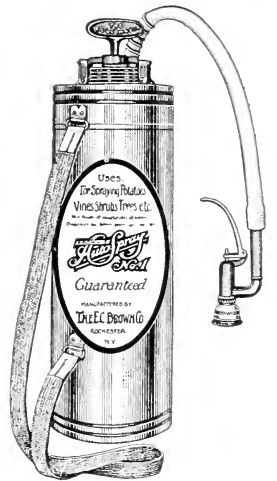
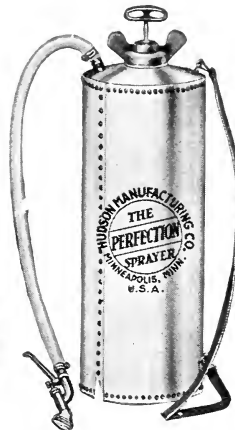
### Atomizer No. 14



Sprays up, down, straight ahead or at any angle. Sprays continuously. Brass spray tube removable for cleaning. Brass ball valve. Price: Brass barrel, \$1.50; galv., \$1.10.

### The Auto Sprayer

Eight to ten strokes of plunger in air chamber will compress enough air to discharge the entire contents and make a continuous spray for nine minutes. Can be charged in fifteen seconds, when it will work long enough to spray a quarter acre. The sprayer is carried by a shoulder strap and will cover ten times more area in a day than can be covered with the old-style sprayers. Auto Sprayer, No. 1 B., brass tank, with Auto-pop, \$10.50; Auto Sprayer No. 1 D., galvanized tank, with Auto-pop, \$8.00. Two-row attachment for spraying two rows at one time, \$1.85; two feet of brass extension pipe, 80c.; steel, 60c.; brass elbows for spraying under vines, 40c.; brass strainer for straining solution, \$1.20.



### Perfection Sprayer

The sprayer with a tank like a steam boiler. Made of heavy galvanized steel with riveted seams. Fitted with Perfection shut-off valve and Angle fog nozzle. Full directions with each machine. Each \$6.50 complete.

### Binks' Universal, No. 22

Adapted for spraying all solutions, such as Insecticides, Disinfectants, Whitewash, Cold Water Paints, etc. Operates at 60 to 80 pounds pressure. Prices, Galvanized Tank \$7.80, Brass Tank \$9.70. Send for Special Catalogue of the Binks' Spray Pumps.

# Planet Jr. Garden Tools

Your patriotism urges you to do more. Do you wonder how you can care for increased acreage of corn, beans, peas and potatoes, etc.? Get Planet Jr. Cultivators.



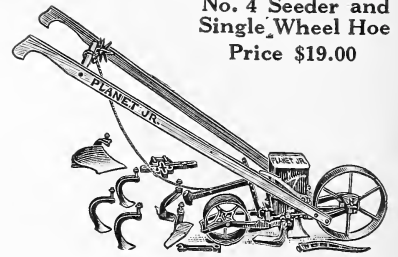
They solve the problem: they do the work so easily, quickly and thoroughly you can cultivate three times the ground possible with ordinary out-of-date tools; and they produce bigger and better crops.



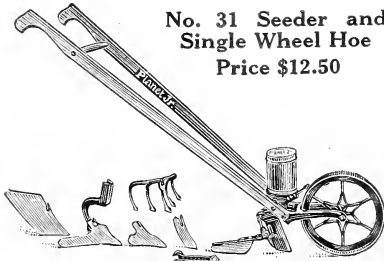
**No. 25 Seeder and Double Wheel Hoe**  
Price \$22.25

With No. 25 two acres a day can easily be worked, and when it is done, it will be a better job than several men could have done in the same time with hand hoes.

No. 4 pays for itself in a season and will last for years. Thousands have been sold in this and in many foreign countries.



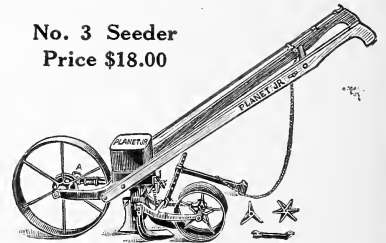
**No. 4 Seeder and Single Wheel Hoe**  
Price \$19.00



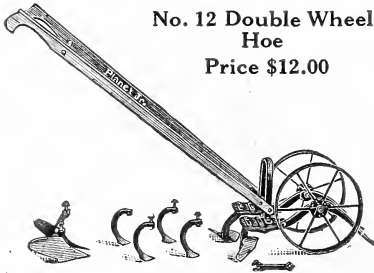
**No. 31 Seeder and Single Wheel Hoe**  
Price \$12.50

No. 31 will delight the suburbanite or the growing boy who knows that a certain amount of garden work is to be part of his service.

No. 3 is a favorite among onion growers, market gardeners and seedsmen.



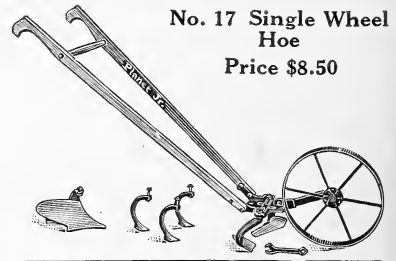
**No. 3 Seeder**  
Price \$18.00



**No. 12 Double Wheel Hoe**  
Price \$12.00

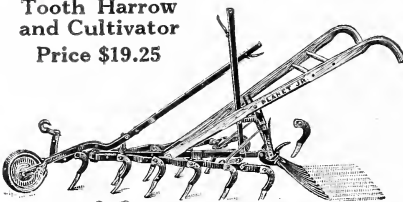
The attachments sold with No. 12 are what gardeners use most, and the others can be added as wanted.

The No. 17 has a pair of 6-inch hoes, a plow and a set of cultivator teeth, an outfit sufficient for most garden work.



**No. 17 Single Wheel Hoe**  
Price \$8.50

**No. 190 Twelve-Tooth Harrow and Cultivator**  
Price \$19.25



No. 19 is strong well made, and quickly adjusted. The height of the handles can be changed to suit man or woman, boy or girl.

The chisel-shaped teeth on No. 90 go as deep or shallow as you like, close to row, without injuring plants, cut out all weeds, stir the soil and mellow and fine it as with a garden rake.



**No. 19 Garden Plow and Cultivator**  
Price \$6.25

The New "PLANET JR." Catalogue is the handsomest, best, and most instructive book ever issued on a similar subject. Full of little points that bring profit. Full of true and handsome illustrations. We mail it free to any address on application.



# Miscellaneous Garden Requisites

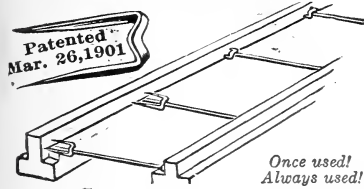
## Miscellaneous Supplies

Asparagus Knives. Curved blade. Each 50c.  
 Bill Hooks. Best English. Each \$1.75.  
 Bellows. For sulphur. Most durable quality. Each \$2.50.  
 Charcoal. Fine or coarse. 3 lbs.  
 20c., 10 lbs. 60c.  
 Dusters. Little Giant. Each  
 \$7.50.  
 Dusters. Leggett's Champion.  
 Each, \$7.50.  
 Dibbles. Steel point. Each 40c.,  
 4 for \$1.50.



Fumigating Lamps. For vaporizing Nicotine, 75c.  
 Garden Lines. Braided hemp. Per 100 ft., \$1.25.  
 Garden Line Reels. Iron stake, \$1.50.

### "PEERLESS" GLAZING POINT. (Improved Van Reyper.)



Once used!  
 Always used!

Skylight glass. Price per 1000, 75c., postpaid 90c. 5000, \$3.50 by express.

Glass Cutter. Steel wheel, 20c.  
 Grafting Wax. ½ lb., 20c., 5 lbs. \$1.60.  
 Grass Hooks. See Sickles.  
 Hanging Baskets. Galvanized wire, 8 in., 15c., 10 in. 20c., 12 in. 25c., 14 in. 35c.  
 Hose Menders, Brass. ½-in., ¾-in., and 1-in., each 10c., per doz. \$1.00.  
 Hoes, Garden. Solid socket, 6 inch 75c.  
 Hoes. Dutch Scuffle. 6 in. blade \$1.00.  
 Knives, Budding, Saynor's. One blade, straight or curved. Each \$1.75.

Knives, Pruning. Field's staghorn handle. Each \$1.75.  
 Labels, Simplex Plant, Waterproof. Neat, convenient, lasting. Size No. 1, 3x½ in., doz. 30c., per 100 \$2.25. Size No. 2, 4x¾ in., doz. 60c., per 100 \$4.50.

Labels, Simplex Garden. Permanent, neat and not too conspicuous. Each 20c.

Labels, Pot, Painted. Per 1000, 4-in. \$1.10, 5 in. \$1.50, 6-in. \$1.60, 8-in. \$3.50, 12 in., \$1.00 per 100.

Labels, Tree, Painted. 25c. per 100, \$1.50 per 1000.

Labels, Zinc. Price, wired, doz. 30c., per 100 \$2.00.

Lawn Sprinkler, Rainfall. \$1.25.

Mastic. Gal. \$2.00, 5 gal. \$9.00.

Mastic Machine. Each \$1.90.

Mole Trap, Rittenhouse Self Setting. Each \$1.00.

Moss, Log, Green. Per bag, \$3.00.

Moss, Sphagnum, Dried. Bale, \$2.00, 5 bales, \$9.00.

Mats, Hot Bed. Hotbed mats keep frosts and severe cold out of frames. They mean earlier and bigger crops. The Burlap are the best mats that it is possible to procure. They are padded with shoddy. Rats and mice do not harbor in them, and they are otherwise practically indestructible. Burlap, 76x76 inches, covering two regular size sash. Each \$4.00.

Paper, White Tissue. Per ream \$2.25.

Putty, Twemlows. Gal., \$2.25; 5 gal. \$11.00, 10 gal. \$20.00.

Putty Bulb. For applying Mastic and Putty. Each \$1.20.

Permanite. Up-to-date Greenhouse putty. Holds fast, yet does not crack. Ask for circular. Gal. \$2.25.

Raffia. Lb. \$1.00, 5 lbs. \$4.50.

Rakes, Steel Garden. 12-teeth 75c., 14-teeth 85c.

Flower Pots, Prices for Standard, Low or Azalea styles.

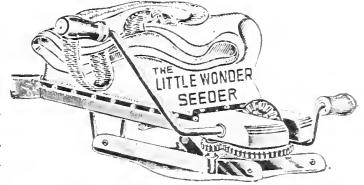
Doz.	100	1000	Doz.	100	1000		
2 -in.	\$0.15	\$0.75	\$7.00	6-in.	\$0.90	\$6.00	\$54.00
2½-in.	.20	1.10	9.50	7-in.	1.25	9.00	
3 -in.	.25	1.50	12.00	8-in.	1.75	13.00	
3½-in.	.30	1.75	16.00	9-in.	3.00	22.00	
4 -in.	.40	2.25	20.00	10-in.	3.50	27.00	
5 -in.	.55	4.00	36.00	12-in.	8.50	65.00	

Seeder, Perfection Hand. For hotbeds, etc. \$2.50.

Seed Sowers, Cahoon. Best made. Each, \$3.50.

## Little Wonder Seeder

Improved, with crank. Heavy duck hopper with shoulder strap, slant feed board, sheet steel oscillating feed plate, double flange distributing wheel, automatic feed adjustment. Each \$2.00.



Shears, Pruning. No. 4665, 9-in., each 90c. No. 607, 9-in. each \$1.40. No. R 85, 9-in. \$2.50.

Silkline. For stringing smilax. Spool 20c, 1 lb. \$1.25.

Shears, Lopping. No. 35, each \$1.60.

Shears, Hedge. No. 100, 8 in., each \$1.75.

Shears, Hedge. No. 101, 9-in., each \$2.25.

Shears, Grass Border. Each 30c. and 50c.

Sickles, For Grass. No. 1, each 65c. No. 75, each 50c. No. 5 each 35c.

Spades, Steel. Best. Each \$1.15.

Silkline. For stringing smilax, etc. Spool, 30c.; 5 spools, \$2.30.

Sprinkler, Scollay's Rubber. Each \$1.20.

Syringes, Brass Greenhouse. No. 11. One stream, two sprays. Each \$6.00.

Stakes, Japanese Cane. 6 ft. Per 100, \$1.75; per 200, \$4.00, per 1000 \$15.00.

Sticks, Green. 12-in. per 100 20c., per 1000 \$1.25. 18-in., per 100 25c., per 1000 \$1.50.

Stakes, Japanese Green Cane. 1½ ft., per 100 \$1.00, per 500 \$2.00. 2 ft. per 100 \$1.20, per 500 \$3.50. 3 ft. per 100 \$1.60, per 500 \$4.25. 4 ft. per 100, \$2.00, per 500 \$4.75.

Tree Tubs. Made from Virginia White Cedar, painted green. Handles extra, 15c. per tub.

RICHMOND STYLE			NEW YORK STYLE		
Size	Diam.	Each	Size	Diam.	Each
No. 3	8-in.	\$0.60	No. 1	12-in.	\$2.00
No. 5	10-in.	.70	No. 2	13-in.	2.25
No. 7	12-in.	1.00	No. 3	14-in.	2.65
No. 9	14-in.	1.40	No. 3½	16-in.	3.25
No. 11	16-in.	2.00	No. 4	19-in.	3.75
No. 13	18-in.	2.60	No. 5	22-in.	4.75

Thermometers, Greenhouse. Each 75c.

Thermometers, Self Registering. Each \$3.50.

Thermometers, Hot Bed. Each \$2.25.

Trowels, Garden. Solid Steel, 6 in. Each 35c.

Trowels, Garden. No. 215, English, 6 in. Each 25c.

Trowels, Garden. No. 212, Steel, 6 in. Each 15c.

Twine, Jute. 2 or 3 ply, lb., 30c., 10 lbs. at 25c.

Watering Cans, Waterspoon's.

Heavy galvanized iron, 2 copper roses, 6-qt. size, \$2.50.

8-qt. size, \$2.75, 10-qt. size, \$3.00, 12-qt. size, \$3.50.

Low style for greenhouses, 4-qt. size, 2 roses, \$2.25.

Water's Tree Pruners. With removable cutting blade and pole complete.

4 feet.....\$0.90 10 feet.....\$1.40

6 feet.....1.25 12 feet.....1.45

8 feet.....1.35 14 feet.....1.50

Extra Blades for Waters' Pruners, 20c. each.

Lang's Hand Weeder. Is in our opinion the best; its special feature a band which passes over the fingers, which, when the tool is not in use, gives full use of the hand for pulling weeds and thinning out plants without laying down the tool. Price, 20c. each.

Excelsior Weeding Hook. Can be used to great advantage among small and tender plants. Price, each 15c., doz. \$1.25.

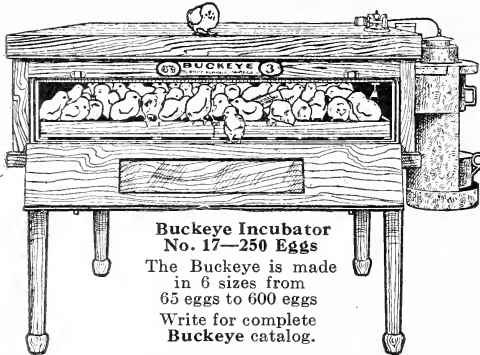
## CLIPPER SEED CLEANERS

These Cleaners are guaranteed to be first class in every respect. They are built upon correct mechanical principles. They are made of the best materials, by competent and skillful workmen and nicely finished in three coats of paint and varnish. Ask for Complete Catalogue of this line.



## Buckeye Hot Water Incubators

We are the sole agents for Cleveland and vicinity for the Buckeye Incubators, Brooders, Hovers, etc. The Buckeye Incubator is the best hot water heated machine on the market, and has the benefit of twenty-four years of practical demonstration. The boiler, hot water tank and tubes are made of pure copper and will last for an indefinite period. The case is made of California redwood, and is beautifully finished. Every part of the machine is mechanically perfect, and in simplicity of construction and in ease of operation it far excels any hot water machine now offered to the public. That the manufacturers themselves have absolute confidence in the product is clearly shown by the very liberal guarantee of five years given by them to every purchaser of a Buckeye Incubator.



**Buckeye Incubator  
No. 17—250 Eggs**

The Buckeye is made  
in 6 sizes from  
65 eggs to 600 eggs  
Write for complete  
Buckeye catalog.

## Buckeye Colony House BUILT TO LAST

The Greatest Colony House value ever offered. This house is built as a house should be built. Size, 64 inches long, 36 inches wide, 36 inches high. Weight, crated for shipment, 250 pounds. Complete, with floor and roosts \$16.00.

Being CLEVELAND AGENTS FOR THE BUCKEYE LINE, we can supply all of their accessories such as THERMOMETERS, GAS LAMPS, THERMOSTATS, EGG TRAYS, EGG TESTERS, etc.

## Simplicity Hatchers

The **Simplicity**—the wonderful “no-cold-corners” incubator—is better than any square incubator made. Its circular, hot water, heavy copper radiator entirely surrounds the egg chamber. Heats uniformly from all angles towards the center. Every egg receives uniform and accurate heat.

By its wonderful system of moisture control it hatches strong, vigorous chicks and will hatch every hatchable egg.

So simple in construction, so easy to operate, so accurate in regulation that a child can secure successful hatches.

Made entirely of metal, can be scalded and sterilized instantly. It is built to give results and will last a life time. Fully guaranteed. You take no chances when you buy the **Simplicity**. The world's Greatest Hatcher.

Prices 50-egg \$10.00, 100-egg \$16.00, 150-egg \$19.00.

## Reliable Oil Heated Hover

You can always get coal oil, but cannot always get hard coal. You can get any amount of heat with these hovers that is needed at all times and The **Automatic Regulator** will take care of all surplus heat by regulating the flow of oil, thus saving fuel.

It will do better work than the coal burning brooder, with less trouble, less risk of fire going out and with equal success of comfort of chicks entrusted to its care and with less cost.

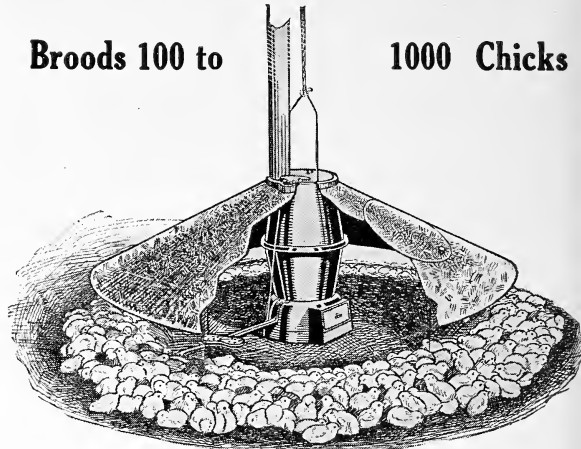
There is no dirt, no ashes to remove, no noise pouring coal in stove to disturb or scare the chicks.

By using the **Reliable Blue Flame Wickless Oil Heated Colony Hover**, you save time, money and trouble and your chickens will grow faster, get heavier and thrive because this hover will take the very best care of them and keep them comfortable, happy and healthy. Price \$16.50.

## The Standard Colony Brooder

Broods 100 to

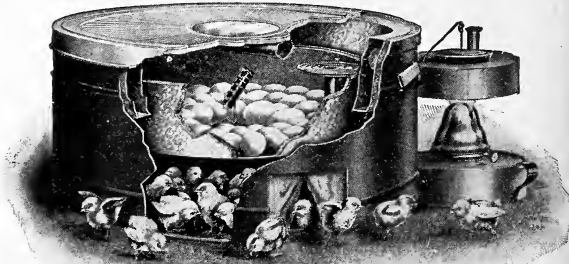
1000 Chicks



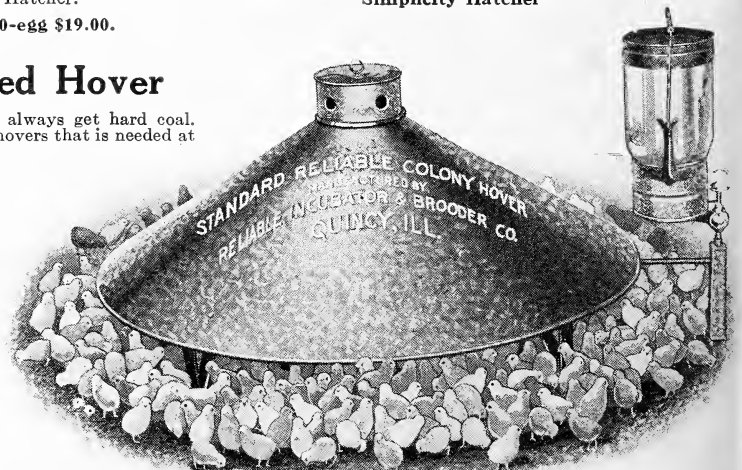
**THE GREATEST COAL-BURNING BROODER EVER INVENTED—Self-Feeding, Self-Regulating, Everlasting.** Heavy cast-iron stove that requires coaling but once every 24 hours in any temperature. Fifty-two-inch hover that will positively brood 1000 newly hatched chicks.

The **Standard Colony Brooder** is the most practical brooding device ever invented. It will do anything and everything that any other brooder will do, and do it better. It is infinitely more satisfactory than brooders selling at twice the price. We are so positive that it cannot fail that we will permit you to try one for thirty days and **Write Your Own Money-Back Guarantee**. We furnish two sizes. No. 18 \$19.00, No. 19, \$23.50.

Ask for illustrated “Standard” catalog.



**Simplicity Hatcher**

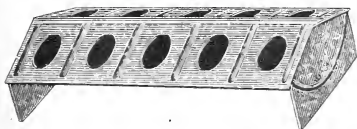




# POULTRY SUPPLIES

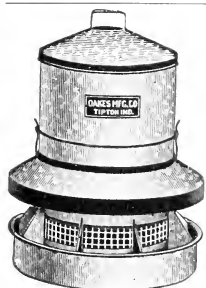
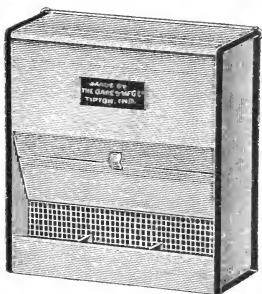
## Chick Feed Troughs

These troughs are very convenient for feeding flocks of growing chicks. The trough is made on a half circle so that every circle so that every bit of feed can be easily eaten out of it. 10-in. trough, 35c., 20-in. trough, 50c. Add 10c each for postage.



## Rectangular Chick Feed Hopper

This hopper is designed for young chicks, and made to either stand on the floor or ground, or hang against the wall. It is divided into three equal compartments holding about four quarts altogether. Each \$1.40. Shipping weight 3½ lbs.



## Round Pigeon and Chick Hopper

Made of galvanized steel and the galvanized wire grating is adjustable, up and down, to regulate the feed, which is automatic. A neat, practical, and durable hopper. Height, 13½ inches; diameter of hopper, 7½ inches; diameter of pan, 10½ inches. \$2.50. Shipping weight 8 lbs.

## Chick Grit and Shell Box

Growing chicks should have grit, oyster shell and charcoal always before them; and for this purpose our Chick Grit and Shell Box is indispensable. Height 7½ inches, width 6 inches, depth (front to back) 4 inches at bottom, and 2 inches at top. 60c. Shipping weight 2 lbs.



## O. K. Exerciser Feeder

This is one of our leaders for 1919. It is exceptionally good value for the price. The hopper holds 12 qts. The O. K. Exerciser is perfectly weather proof and will compare favorably with any exerciser sold at less than two dollars. Each \$1.50.

## Standard Grit and Shell Box

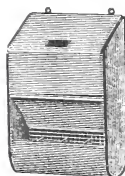
This Grit and Shell Box has slanting front, inclined top and round bottom to trough. Just the thing to hold oyster shell, charcoal and grit for a small flock of fowls. Each \$1.25. Weight 2 lbs.



Standard Grit and Shell Box

## Dry Mash Hopper

The door hinged on the front is raised, as shown in the cuts, for the fowls to eat; but when it is let down it closes the hopper up completely, making it rat, mouse and dust proof. The Economy hopper is 18½ in. high, and 6½ in. wide, and made in two lengths. No. 1 Economy Dry Mash Hopper, 12 inches long, one compartment, \$2.35. Shipping weight 7 lbs. No. 2 Economy Dry Mash Hopper, 24 inches long, two compartments, \$3.50. Shipping weight, 13 lbs.



## Drop Bottom Fountains

In this style of Drinking Fountain, the pan which forms the trough from which the fowls drink is hinged at the back and fastened by a brass latch in front. The hood over the trough prevents falling dust and dirt from getting into the water; and when the bottom is turned back, the inside of the fount can be easily cleaned out and kept in sanitary condition. 2-qt. \$1.15, shipping weight 2 lbs.; 1-gal. \$1.30, shipping weight, 3 lbs.; 2-gal. \$1.60, shipping weight 5 lbs.



## Sanitary Wall Fountains

These fountains are very convenient to handle and more sanitary than the ordinary kind. A hood projects over the water trough and protects the water from getting soiled. The back is flattened for ease in hanging up. 1-qt. size, 60c., shipping weight 1 lb.; 1-gal. size \$1.00, shipping weight 3 lbs.; 2-gal. size \$1.25, shipping weight 5 lbs.

## The O. K. Heater for Drinking Fountains

To keep the drinking water for your fowls always warm through the cold weather, it is necessary to supply some heat. The O. K. Heater is made to meet this requirement, and is suitable for any kind of drinking fountain, and for any size up to four gallon capacity. The heater is 10 inches in diameter, and stands 10 inches high; and the base is 13 inches in diameter.

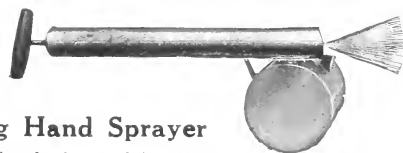
The Lamp has a large oil fount holding sufficient oil for several days. The burner is No. 1 size, as only a very small flame is required. O. K. Heater, complete with lamp \$2.50. Shipping weight 8 lbs.

## Poultry Punches

The Pettey Poultry Punch for marking chicks by punching the web of the feet, is made of steel, nickel plated. It is substantially made, cuts a clean hole, and is convenient to use. Each 25c.

## Rat Corn

Kills the rats in your poultry yard without odor. It mummifies them. Small can 25c., medium size 50c., large size \$1.00, postpaid.



## Kant-Klog Hand Sprayer

This is very handy for applying Lice liquid, Conkey's NOXICIDE on the fowl. Anti-Fly Pest, also poison for potato bugs, tobacco, tomato and currant worms, and all plant insects. Each tested before it leaves the factory. Price each, 50c. Mailing weight 2 lbs.

We have space on this page to list but a few of the many items we carry in leading Poultry Foods and Supplies.



# Johnson's High Grade Lawn Seed

## JOHNSON'S RELIABLE

### The Best for General Purposes

Our Reliable Lawn Grass Seed is the cleanest, heaviest, cheapest and best, because it is made up of Extra Recleaned Seeds of the finest varieties of grasses, each of which has its season of beauty and the result is the production of a sod that is always evergreen and velvety. Many of the finest lawns of our city are seeded with **Johnson's Reliable Lawn Grass**, the preparation of which is a specialty with us. Less seed of Johnson's Reliable is required than of any other brand. Hence it is economical in the end. One pound will sow 300 square feet.

Price: 1b., 30c; 5 lbs., \$1.25; 10 lbs., \$2.25; 20 lbs., \$4.00.

## JOHNSON'S QUICK GROWTH

A special mixture of seeds which is especially useful where for some reason or other the seed cannot be sown in early spring. Our Quick Growth mixture will cover the ground like magic, but later on produce a permanent and beautiful sod.

Price: 1b., 25c; 5 lbs., \$1.00.

## GROUND BONE FERTILIZER

### Dry, Clean Odorless

Stable dressing is unpleasant to handle, and always contains more or less weed seeds. **There are no seeds in this fertilizer.** It will impart to your lawn that much desired dark green and velvety appearance. Should be applied as a top dressing either in spring or fall.

Price: 2 lbs., 15c; 10 lbs., 65c; 25 lbs., \$1.25; 100 lbs., \$3.50; 200 lbs., \$6.50; 500 lbs., \$16.00; 1,000 lbs., \$31.00; ton, \$60.

## JOHNSON'S "SHADY SPOT"

This is a very High Grade mixture of grasses which naturally grow in shady spots. Before sowing in such places, it is well to rake off the surface thoroughly and then apply Air Slacked Lime at the rate of one bushel to every 1,000 square feet. Use one pound of seed for every 300 square feet.

Price: 1b., 35c; 5 lbs., \$1.50; 10 lbs., \$2.50.

## GRASS SEED MIXTURE FOR TERRACES

A mixture of strong, deep-rooted Grasses for banks or terraces. Although the Grasses are strong and deep rooted, they will produce a fine green velvety surface, and also prevent washing away during heavy rains. Price: 1b., 50c; 5 lbs., \$2.00; 10 lbs., \$3.50.

## PARK and LAWN FERTILIZER

A lawn treated with Park and Lawn Fertilizer stays green and velvety throughout the hottest months.

The thick, juicy grass which results from the use of this Fertilizer is easily mowed, making the best kind of firm, springy turf for tennis and croquet courts and golf links, in addition to its wear resisting qualities—always presenting a beautiful smooth, even appearance. 25 lb. bag for 2,500 sq. ft. of lawn or 1,200 sq. ft. of garden, \$1.50; 50 lb. bag for 5,000 sq. ft. of lawn, or 2,500 sq. ft. of garden, \$2.75; 100 lb. bag for one-fourth acre of lawn, or one-eighth acre of garden, \$4.00.

# Johnson's Seed Store

2133-35 East Ninth Street, Near Prospect Avenue  
CLEVELAND, OHIO

Bell Phone, Prospect 3099

Ohio State, Central 3276